

**PRIORITY****SECRET**

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 TO AIG NINE SEVEN SIX EXCEPT [REDACTED]  
 RUEPJS/DIA RPODCEN  
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 BT  
 S E C R E T CITE NPIC 1695.

## PREFACE

THE FOLLOWING INFORMATION REPRESENTS A CONTINUING ANALYSIS OF BLACK SHIELD MISSION BX6705, 20 JUNE 1967. A PRELIMINARY ANALYSIS OF THE HIGH PRIORITY TARGETS COVERED ON THIS MISSION IS CONTAINED IN NPIC PUBLICATION R-118/67. THE HEADER LINE FOR EACH TARGET, READING FROM LEFT TO RIGHT, CONTAINS THE TARGET NAME, COUNTRY CODE, GEOGRAPHIC COORDINATES, AND COMIREX NUMBER. THE GEOGRAPHIC COORDINATES ARE DERIVED FROM AMS SERIES JOG (A) 1501, SCALE 1:25,000 AND AMS SERIES L7014, SCALE 1:50,000.

PHOTO REFERENCE DATA INCLUDES FRAME NUMBERS AND SYMBOLS DENOTING LIMITING CONDITIONS, PHOTO INTERPRETABILITY, TARGET COVERAGE AND MODE.

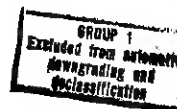
SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON PHOTOGRAPHY ARE AS FOLLOWS -- C (CLEAR), SC (SCATTERED CLOUD COVER), HC (HEAVY CLOUD COVER), H (HAZE), CS (CLOUD SHADOW), SD (SEMI-DARKNESS), GC (GROUND COVER), CF (CAMOUFLAGE), O (OBLIQUITY), AND GR (GROUND RESOLUTION). INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G (GOOD), F (FAIR), OR P (POOR). THE EXTENT OF TARGET COVERAGE IS DENOTED BY THE SYMBOLS T (TOTAL) OR PT (PARTIAL). THE MODE OF COVERAGE IS SIGNIFIED BY ST (STEREO), NS (NON-STEREO), OR PS (PARTIAL STEREO).

((NOTE: TEXT THAT FOLLOWS IDENTICAL TO THAT OF CONTINUING ANALYSIS OF BLACK SHIELD MISSION BX6705, 20 JUNE 1967.))

**SECRET**

Declass Review by NGA

END OF MESSAGE

**SECRET**

# PREFACE

Approved For Release 2006/11/09 : CIA-RDP78B03817A000800020035-7

THE FOLLOWING INFORMATION REPRESENTS A CONTINUING ANALYSIS OF BLACK SHIELD MISSION BX6705, 20 JUNE 1967. A PRELIMINARY ANALYSIS OF THE HIGH PRIORITY TARGETS COVERED ON THIS MISSION IS CONTAINED IN NPIC PUBLICATION R-118/67. THE HEADER LINE FOR EACH TARGET, READING FROM LEFT TO RIGHT, CONTAINS THE TARGET NAME, COUNTRY CODE, GEOGRAPHIC COORDINATES, AND COMIREX NUMBER. THE GEOGRAPHIC COORDINATES ARE DERIVED FROM AMS SERIES JOG WAX 1581, SCALE 1:25,000 AND AMS SERIES L7014, SCALE 1:50,000. PHOTO REFERENCE DATA INCLUDES FRAME NUMBERS AND SYMBOLS DENOTING LIMITING CONDITIONS, PHOTO INTERPRETABILITY, TARGET COVERAGE AND MODE. SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON PHOTOGRAPHY ARE AS FOLLOWS -- C @CLEAR@, SC @SCATTERED CLOUD COVER@, HC @HEAVY CLOUD COVER@, H @HAZE@, CS @CLOUD SHADOW@, SD @SEMI-DARKNESS@, GC @GROUND COVER@, CF @CAMOUFLAGED@, Q @OBLIQUITY@, AND GR @GROUND RESOLUTION@. INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G @GOOD@, F @FAIR@, OR P @POOR@. THE EXTENT OF TARGET COVERAGE IS DENOTED BY THE SYMBOLS T @TOTAL@ OR PT @PARTIAL@. THE MODE OF COVERAGE IS SIGNIFIED BY ST @STEREO@, NS @NON-STEREO@, OR PS @PARTIAL STEREO@.

## MISSILES

HUANG-LIU AIR WARNING RADAR FACILITY CH 1832N 10845E [REDACTED] FACILITY IS SITUATED ON 2 ADJACENT HILLTOPS, 2.5 NM NNW OF HUANG-LIU AND 0.5 NM EAST OF SHANG-KOU. NORTHERN HILL CONTAINS 1 MOON FACE-TYPE RADAR, 1 PROBABLE HEIGHTFINDER AND 1 CONTROL/SUPPORT BUILDING. SOUTHERN HILL CONTAINS 1 PROBABLE BAR LOCK AND 1 CONTROL/SUPPORT BUILDING.

[REDACTED] VINH LINH SAM SITE A25-2 @177@ VN 1701N 10655E [REDACTED] THE AREA HAS BEEN CRATERED BY BOMBS. HOWEVER, ALL 3 UNREVIEWED UNOCCUPIED LAUNCH POSITIONS AND THE UNREVIEWED UNOCCUPIED CENTRAL GUIDANCE AREA ARE STILL USEABLE.

[REDACTED] THAI NGUYEN POSSIBLE MISSILE TRAINING AREA VN 2136N 10555E NO COMRX IDENTIFICATION ONLY.

[REDACTED] HAI PHONG SAM SUPPORT FACILITY/ASSEMBLY ARVN 2056N 10628E NO COMRX NO MISSILES OR MISSILE-ASSOCIATED EQUIPMENT OBSERVED.

## AIR FACILITIES

MEUNG-TZU AIRFIELD WEST CH 2323N 10320E [REDACTED] IDENTIFICATION ONLY

[REDACTED] HAIPHONG/CAT BI AIRFIELD VN 2049N 10643E [REDACTED]

3.5 NM SE OF HAI PHONG

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11200 1 100 FT FINE/450 CONCRETE RUNWAY, SERVICEABLE.

OUT6

63038

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

FORMER NNW/SSE CONCRETE RUNWAY IS NOW USED AS A PARKING  
APRON. Release 2006/11/09 : CIA-RDP78B03817A000800020035-7

FACILITIES INCLUDE A PARALLEL TAXIWAY WITH 2  
END-CONNECTING AND 3 CROSSOVER LINKS; A PARKING APRON  
IMMEDIATELY NORTH; 2 LARGE AND 1 SMALL HANGARS; AN  
OPERATIONS/CONTROL BUILDING; APPROXIMATELY 23  
ASSOCIATED BUILDINGS; AND AT LEAST 24 OLD AND 8 NEW  
AIRCRAFT REVETMENTS WITH EXHAUST VENTS/PERSONNEL EXIT  
SLITS.  
A POL STORAGE AREA 0.4 NM NORTH CONTAINS 3 LARGE BURIED  
TANKS.

OB -- NONE OBSERVED.

HAIPHONG/KIEN AN AIRFIELD VN 2048N 10636E  
5 NM SW OF HAI PHONG.  
5,900 X 150 FT NE/SW SERVICEABLE CONCRETE RUNWAY WITH A  
PARALLEL TAXIWAY; 1 PARKING APRON; 2 END-CONNECTING  
LINKS; AND 4 CROSSOVER LINKS. 02 APPEAR TO BE  
UNUSEABLE. THE AIRCRAFT DISPERSAL AREA CONSISTS OF 17  
REVETTED HARDSTANDS AND 18 HARDSTANDS RECESSED IN THE  
BASE OF A HILL IN THE SE PART OF THE AIRFIELD.  
SUPPORT FACILITIES INCLUDE 1 LARGE PROBABLE MAINTENANCE  
BUILDING AND NUMEROUS SUPPORT BUILDINGS. A PROBABLE  
ILS IS ADJACENT TO THE SW END OF THE RUNWAY.

OB -- NONE OBSERVED.

HANOI/BAC MAI AIRFIELD VN 2059N 10550E  
2.1 NM SSW OF HA NOI RAILROAD CLASSIFICATION YARD.  
4,100 X 130 FT NW/SE CONCRETE RUNWAY; SERVICEABLE.  
FACILITIES INCLUDE A PARALLEL TAXIWAY; A CONCRETE  
PARKING APRON NW OF THE RUNWAY; 2 HANGARS; AND  
APPROXIMATELY 200 BARRACKS/ADMINISTRATION/STORAGE  
BUILDINGS.

OB -- 2 STRAIGHT-WING AIRCRAFT IN HANGAR WITHOUT ROOF.

HANOI/GIA LAM AIRFIELD VN 2142N 10553E  
2.3 NM NE OF HA NOI.  
6,550 X 90 FT NNE/SSW SERVICEABLE CONCRETE RUNWAY WITH  
A PARALLEL TAXIWAY; 1 END-CONNECTING LINK; 4 CROSSOVER  
LINKS; A PARKING APRON; AND 11 REVETTED HARDSTANDS.  
5,175 X 250 FT NW/SE PROBABLY SERVICEABLE CONCRETE  
RUNWAY WITH A PARALLEL TAXIWAY; 1 END-CONNECTING LINK;  
5 CROSSOVER LINKS; 4 PARKING APRONS; AND 19 REVETTED  
HARDSTANDS. SUPPORT FACILITIES INCLUDE AN  
OPERATIONS/CONTROL BUILDING; 1 LARGE HANGAR; A POL  
STORAGE AREA; AND NUMEROUS SUPPORT BUILDINGS.  
ACTIVITY -- THREE 8-GUN AAA SITES 0.5 NM NE, 0.5 NM SW,  
AND 4 NM SE OF THE NNE/SSW RUNWAY CENTER AND ONE 6-GUN  
AAA SITE 0.4 NM NE OF THE NNE/SSW RUNWAY CENTER.

OB -- 16 FAGOT/FRESGO, 2 GRATE G1 WITHOUT LEFT WING, 8  
COLT, 1 CREEK, 1 CAR FUSELAGE, AND 2 HOUND.

25X1  
25X1

PHUC YEN AIRFIELD VN 2113N 10541E [REDACTED]  
5.8 NM ESE OF PHUC YEN AT UTM WJ848464.  
9,150 X 220 FT ESE/WWW CONCRETE RUNWAY, SERVICEABLE,  
WITH 1,200-FT SOD OVERRUNS AT EACH END. FACILITIES  
INCLUDE A PARALLEL TAXIWAY WITH 3 CROSSOVER LINKS,  
ALERT RAMPS ALONG EACH OF 2 END CROSSOVER LINKS BEACH  
CAPABLE OF HANDLING 8 MIG-TYPE AIRCRAFT, TWO 1,600-FT  
PARKING APRONS ONE AT EACH END OF RUNWAY, GCA  
FACILITIES, ILS SITES, AND MARKER BEACONS. PARKING  
APRON AT THE NORTH END OF THE AIRFIELD HAS REVETTED  
POSITIONS FOR 11 AIRCRAFT. SEVEN REVETTED AIRCRAFT  
POSITIONS ARE AT THE SOUTHERN END. A HOUSING/SUPPORT  
AREA IMMEDIATELY NORTH OF THE AIRFIELD CONTAINS  
APPROXIMATELY 10 STORAGE/SUPPORT BUILDINGS, A  
MULTISTORY CONTROL TOWER, AND AN OPERATIONS BUILDING.  
AN AIRCRAFT REVETMENT AREA AT ESE END OF RUNWAY  
CONTAINS 8 REVETMENTS. AN AREA AT THE WNW END CONTAINS  
6 REVETMENTS. A LARGE AIRCRAFT HANGAR AND PARKING RAMP  
ARE IMMEDIATELY WEST OF THE NORTH PARKING RAMP,  
ADJACENT TO A TAXIWAY. A TAXIWAY APPROXIMATELY 11,000  
FT LONG EXTENDS NORTH FROM THE RUNWAY TO AN AIRCRAFT  
DISPERSAL AREA WITH 35 AIRCRAFT REVETMENTS 02 UNDER  
CONSTRUCTION AND A FIRING-IN BUTT. A SECURED POL  
STORAGE AREA, 5,000 FT NNW OF THE RUNWAY, CONTAINS 6  
BURIED POL TANKS AND A LOOP SERVICE ROAD.  
OB -- 8 FISHBED, 3 FAGOT/FRESCO, 4 DELTA-WING  
DECOY/DUMMY, AND 1 PROBABLE DECOY/DUMMY FUSELAGE.

KEP AIRFIELD VN 2124N 10616E [REDACTED]  
1 NM SW OF KEP AT UTM XJ317663.  
5,975 X 155 FT NE/SW, CONCRETE RUNWAY, SERVICEABLE,  
WITH GRADED EARTH OVERRUNS AT EACH END. RUNWAY CRATERS  
HAVE BEEN REFILLED AND RUNWAY REMAINS SERVICEABLE.  
FACILITIES INCLUDE A 475-FT PARKING APRON ON THE NE  
END, AN OPERATIONS BUILDING WITH A CONTROL TOWER, 5  
BARRACKS, 10 SUPPORT BUILDINGS, AND A WEATHER STATION.  
SIXTEEN LARGE AIRCRAFT REVETMENTS HAVE BEEN COMPLETED  
AND 12 OTHERS ARE IN EARLY-TO-MID STAGES OF  
CONSTRUCTION. A POL STORAGE AREA APPEARS TO BE UNDER  
CONSTRUCTION AT THE NE END OF THE RUNWAY.  
OB -- 2 PROBABLE FAGOT/FRESCO.

YEN BAI AIRFIELD VN 2143N 10451E [REDACTED]  
2.3 NM NW OF YEN BAI.  
CONSTRUCTION CONTINUES ON THE AIRFIELD. THE MAIN  
RUNWAY, NOW CLEARLY DELINEATED IN THE CENTER OF THE  
LEVELED AREA IS ORIENTED NW/SE WITH OVERALL DIMENSIONS  
OF APPROXIMATELY 7,400 X 150 FT. GROUND SCARRING  
INDICATES EXTENSIVE EARTH MOVING ACTIVITY. NUMEROUS  
PIECES OF CONSTRUCTION EQUIPMENT ARE OBSERVED.

25X1  
25X1

25X1

HOA LAC AIRFIELD VN 2146N 10508E A000800020035-7

1.4 NM WNW OF HOA LAC.

NO APPARENT CHANGE IN TARGET AREA SINCE BLACK SHIELD  
OBLIQUITY PRECLUDES

DETAILED ANALYSIS.

OB -- NONE OBSERVED

BAI THUONG AIRFIELD VN 1954N 10527E

5 NM EAST OF BAI THUONG AT UTM WH488805.

6,680 X 200 FT NW/SE RUNWAY UNDER CONSTRUCTION.

NUMEROUS BOMB CRATERS OBSERVED IN RUNWAY SURFACE AND  
AIRCRAFT DISPERSAL AREA.

CONSTRUCTION CONTINUES ON AIRFIELD, RUNWAY, AND RELATED  
FACILITIES.

TUYEN QUANG AIRFIELD VN 2146N 10514E NO COMRX

3 NM SSE OF TUYEN QUANG.

2,100 X 150 FT NW/SE SOD RUNWAY, UNSERVICEABLE. TRAILS  
AND TRENCHES CROSS THE DETERIORATED RUNWAY.

OB -- NONE OBSERVED.

LAI CHAU AIRFIELD VN 2203N 10310E NO COMRX

IMMEDIATELY SE OF LAI CHAU.

2,500 X 100 FT NNE/SSW SOD RUNWAY, PROBABLY  
UNSERVICEABLE AND ABANDONED.

OB -- NONE OBSERVED.

SAVANNAKHET VILLE AIRFIELD LA 1633N 10446E NO COMRX

SE EDGE OF SAVANNAKHET COMPLEX.

APPROXIMATE 6,680 X 200 FT NE/SW PREPARED EARTH RUNWAY,  
SERVICEABLE.

FACILITIES INCLUDE 2 PREPARED EARTH LINK TAXIWAYS  
CONNECTING THE RUNWAY WITH A LARGE PREPARED EARTH  
PARKING APRON, 3 SMALLER PREPARED EARTH PARKING APRONS,  
1 HANGAR, 3 MAINTENANCE BUILDINGS, A SMALL OPEN STORAGE  
AREA, AND AT LEAST 15 OTHER BUILDINGS.

OB -- 2 C-47, 1 PROBABLE C-47 FUSELAGE, 3 PROBABLE  
T-28, 2 SMALL TWIN-ENGINE STRAIGHT-WING, AND 7 SMALL  
SINGLE-ENGINE STRAIGHT-WING.

SENO AIRFIELD LA 1640N 10501E NO COMRX

17 NM ENE OF SAVANNAKHET.

5,910 X 130 FT ENE/WSW AND NE/SW ASPHALT  
RUNWAYS, BOTH SERVICEABLE.

FACILITIES INCLUDE 2 PARALLEL TAXIWAYS, 1 PARKING  
APRON, 1 CONTROL TOWER, 1 HANGAR WITH 3 BAYS, AND 17  
SUPPORT/MAINTENANCE BUILDINGS. ADDITIONAL FACILITIES  
INCLUDE 82 BARRACKS, 1 ADMINISTRATION BUILDING, 61  
STORAGE BUILDINGS, AND 16 SUPPORT BUILDINGS.

OB -- NONE OBSERVED.



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[REDACTED] LA 1842N 10504E NO COMRX

1.8 NM NW OF MUONG [REDACTED] PLANE.  
APPROXIMATELY 2,250 X 100 FT, NATURAL SURFACE RUNWAY,  
SERVICEABLE.  
FACILITIES INCLUDE 1 NATURAL SURFACE PARKING APRON, 1  
MEDIUM SIZE SHED AND 6 SMALL BUILDINGS.  
OB -- NONE OBSERVED.

[REDACTED]  
VINH AIRFIELD VN 1844N 10540E NO COMRX

3.5 NM NORTH OF VINH.  
6,400 X 190 FT N/S LATERITE RUNWAY, UNSERVICEABLE DUE  
TO AIR STRIKES.  
FACILITIES INCLUDE A PARALLEL TAXIWAY WITH 1 CROSSOVER  
LINK, 2 ALERT APRONS, A PARKING APRON, AND 13 AIRCRAFT  
REVTMENTS. ALL SUPPORT STRUCTURES HAVE BEEN  
DESTROYED.  
OB -- NONE OBSERVED.

[REDACTED]  
LAO CAI AIRFIELD VN 2228N 10358E NO COMRX

1 NM SSE OF LAO CAI AT UTM WK953864.  
APPROXIMATELY 2,800 X 250 FT NW/SE SOD RUNWAY,  
SERVICEABLE.  
FACILITIES INCLUDE 1 SUPPORT BUILDING AND 2 SMALL SHEDS  
AT THE NW END OF THE RUNWAY.  
OB -- NONE OBSERVED.

[REDACTED]  
YAI-HSIEN AIRFIELD CH 1817N 10927E NO COMRX

3.7 NM NW OF YAI-HSIEN.  
4,870 X 210 FT NE/SW CONCRETE RUNWAY, PROBABLY  
SERVICEABLE, AND 3,225 X 160 FT NW/SE PROBABLE CONCRETE  
RUNWAY, UNSERVICEABLE AND APPARENTLY DETERIORATED.  
FACILITIES INCLUDE 2 LINK TAXIWAYS, 3 PARKING APRONS, 1  
MEDIUM HANGAR, AND 15 SMALL SUPPORT BUILDINGS.  
AIRFIELD IS APPARENTLY INACTIVE.  
OB -- NONE OBSERVED.

[REDACTED]  
PHU THO AIRFIELD VN 2123N 10512E NO COMRX

0.4 NM SW OF PHU THO.  
4,600 X 170 FT E/W GRADED EARTH RUNWAY SUBJECTED TO AIR  
STRIKE. APPROXIMATELY 25 BOMB CRATERS VISIBLE IN  
RUNWAY SURFACE. RESURFACING OF RUNWAY HAS BEEN  
DISCONTINUED. FACILITIES INCLUDE 2 AIRCRAFT REVTMENTS  
SOUTH OF THE RUNWAY. NUMEROUS BUILDINGS ON BOTH SIDES  
OF THE RUNWAY HAVE BEEN DAMAGED/DESTROYED.  
OB -- NONE OBSERVED.

[REDACTED]  
NAVAL ACTIVITY/PORTS

HAI YEN PORT FACILITIES AND NAVAL BASE VN 1845N 10545E NO COMRX

7 NM NE OF VINH ON NW BANK OF THE SONG CA RIVER AT  
UTM WF795744.

ALL STRUCTURES ARE DESTROYED/DISMANTLED EXCEPT 1 T-HEAD  
PIER WHICH IS DAMAGED.

YEN LOU NAVAL BASE VN 1840N 10544E NO COMRX  
ALL NAVAL FACILITIES DESTROYED.  
OB -- NONE OBSERVED.

YA-LUNG NAVAL BASE CH 1813N 10941E NO COMRX  
AT YA-LUNG.

FACILITIES INCLUDE 1 SMALL GRAVING DOCK, 1 T-HEAD PIER,  
FACILITIES INCLUDE 1 SMALL GRAVING DOCK, 1 T-HEAD PIER,  
1 T-HEAD PIER UNDER CONSTRUCTION, 1 PIER APPROACH.

NUMEROUS HILLSIDE EXCAVATIONS, AND APPROXIMATELY 100  
BUILDINGS INCLUDING ADMINISTRATION BUILDINGS/BARRACKS,  
STORAGE BUILDINGS, AND SUPPORT BUILDINGS. EXTENSIVE  
CONSTRUCTION OBSERVED THROUGHOUT THE INSTALLATION.

DEFENSES INCLUDE 2 OCCUPIED 4-GUN AAA SITES AND 1  
OCCUPIED 6-GUN AAA SITE.

VESSELS -- NUMEROUS SMALL CRAFT.

PHUC LOI NAVAL BASE VN 1843N 10544E NO COMRX  
IDENTIFICATION ONLY.

91-93 H P T ST

HAI PHONG NAVAL BASE VN 2052N 10640E NO COMRX

SOUTH BANK OF CUA CAM ESTUARY, AT THE MOUTH OF THE  
SONG TRAH BAC CANAL.

FACILITY CONSISTS OF ONE GRAVING DOCK WITH

EXTENSION, 3 SMALL MARINE RAILWAYS, 1 DAMAGED

FINGER PIER, 1 T-HEAD PIER, A 240-FT WHARF, 1 LARGE

ADMINISTRATION BUILDING, AND NUMEROUS SHOPS AND SUPPORT  
BUILDINGS.

OB -- 1 S.O.1 SC SUNK AT PIER.

HAI PHONG NAVAL FACILITY VN 2052N 10642E NO COMRX  
NE EDGE OF HAI PHONG ON SOUTH BANK OF CUA CAM ESTUARY  
AT UTM XJ770887.

NAVAL BASE CONTAINS 12 BUILDINGS AND AN OFFSHORE WHARF.

OB -- NONE OBSERVED.

HAI PHONG CHANNEL VN 2050N 10640E NO COMRX  
VESSELS -- 2 TANKERS, 2 LARGE-HATCH FREIGHTERS, 7 OTHER  
FREIGHTERS, AND 3 POL BARGES.

SUOI HUT BOAT YARD VN 2045N 10504E NO COMRX  
NO APPARENT CHANGE SINCE

VINH SHIPYARD PHUC LOI VN 1843N 10544E NO COMRX  
NO ACTIVITY OBSERVED AT REFERENCED COORDINATES.

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BEN THUY COASTAL TRANSHIPMENT POINT VN 1839N 10542E NO COMRX

ALL STRUCTURES HAVE BEEN DESTROYED/DISMANTLED.  
OFFSHORE WHARF APPEARS TO BE SERVICABLE WITH 1 COASTAL  
FREIGHTER CAPSIZED NEAR THE WHARF.

THUONG THUY SHIPYARD VN 2105N 10545E NO COMRX  
IDENTIFICATION ONLY.

HA NOI PORT FACILITIES RED RIVER VN 2100N 10552E NO COMRX  
WEST BANK OF THE RED RIVER AT UTM XJ909228.

AREA A -- NUMEROUS RIVER CRAFT SHIPS AT LANG YEN.  
SOUTH OF LANG YEN ARE 2 PIERS, ONE WITH OVERHEAD CRANE,  
AND COAL OFFLOADING FACILITIES WITH 2 COAL CONVEYORS.

AREA B 09UTM WJ929219M -- SINGLE RAIL-SERVED OFFLOADING  
WHARF. IMMEDIATELY SOUTH IS A ROAD SERVED, BARGE  
TRANSSHIPMENT POINT, AND A BARGE BUILDING FACILITY WITH  
4 MARINE RAILWAYS 02 COVERED.

TWO RAIL-SERVED TRANSSHIPMENT SLIPS ARE AT UTM  
WJ938211.

VESSELS -- 32 LARGE CARGO BARGES, 12 COAL BARGES, AND  
APPROXIMATELY 100 SMALL RIVER CRAFT.

HAI PHONG SHIPYARD NO 4 DANCETTE VN 2052N 10648E NO COMRX  
NW EDGE OF HAI PHONG ON SOUTH BANK OF CUA CAM ESTUARY  
AT UTM XJ743080.

FACILITY CONSISTS OF 4 MARINE RAILWAYS, 1 GRAVING DOCK,  
1 L-HEAD PIER, 1 PORTAL CRANE, 2 FIXED-JIB CRANES, AND  
APPROXIMATELY 10 SUPPORT BUILDINGS.

ACTIVITY -- 1 FLOATING DRY DOCK, 1 BARGE, 1 LARGE POL  
BARGE, AND 1 SMALL CRAFT ON MARINE RAILWAY. ONE BARGE  
IN GRAVING DOCK.

KIEN AN SHIPYARD PHUONG CHU VN 2050N 10634E NO COMRX  
0.6 NM EAST OF PHUONG CHU, 7 NM WSW OF HAI PHONG, ON  
THE LACH TRA RIVER AT UTM XJ634056.

INSTALLATION CONTAINS 3 PROBABLE BUILDING WAYS, 2  
SUPPORT SHEDS IN THE YARD, AND 5 POSSIBLE SUPPORT  
BUILDINGS ACROSS THE ROAD.

ACTIVITY -- 12 BARGES 03 MOTORIZED.



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LARGE BUILDINGS, AND 5 SMALLER BUILDINGS. A SECURED  
BARRACKS/SUPPORT AREA CONTAINS 4 BARRACKS-TYPE  
BUILDINGS, 1 ADMINISTRATION BUILDING, 1 MESSHALL, 8  
SUPPORT BUILDINGS, AND 5 SMALLER BUILDINGS. A  
WALL-SECURED BARRACKS AREA LOCATED APPROXIMATELY 200  
YDS NE OF THE COMMUNICATIONS SITE CONTAINS 4 MULTISTORY  
BARRACKS, 1 LARGE ADMINISTRATION BUILDING, 1 LARGE  
AUDITORIUM, 11 SMALLER SUPPORT BUILDINGS, AND A LARGE  
WATER TOWER.

[REDACTED]  
THUAN TON AIR WARNING RADAR FACILITY VN 2059N 10556E NO COMRX  
1 NM EAST OF THUAN TON AT UTM WJ985218.  
FACILITY CONTAINS 2 OCCUPIED REVETMENTS. SCALE  
PRECLUDES IDENTIFICATION OF ELECTRONIC EQUIPMENT.

[REDACTED]  
HON MATT ISLAND PROBABLE RADAR SITE VN 1847N 10558E NO COMRX  
ON HON MATT ISLAND AT UTM XF821780.  
NO RADAR OBSERVED.

[REDACTED]  
THANH HOA RADAR SITE VN 1948N 10542E NO COMRX  
NO RADAR OBSERVED AT THESE COORDINATES.

[REDACTED]  
HA TINH SUSPECT RADAR SITES VN 1819N 10555E NO COMRX  
NO RADAR OBSERVED AT THESE COORDINATES.

[REDACTED]  
VINH LINH DHO XAM U/I ELECTRONICS SITE VN 1705N 10659E NO COMRX  
SITE IS ABANDONED.

[REDACTED]  
HA NOI RADIO COMMUNICATIONS STATION NW VN 2103N 10548E NO COMRX  
SOUTH EDGE OF DONG KHO AT UTM WJ835295.  
COMMUNICATIONS SITE CONTAINS 20 MASTS ARRANGED IN  
RHOMBIC ARRAYS.  
AN ASSOCIATED BARRACKS AREA CONTAINS 8 BARRACKS AND 17  
STORAGE/SUPPORT BUILDINGS.

[REDACTED]  
HA NOI VEHICLE - RADAR MAINTENANCE FACILITY VN 2102N 10545E NO COMRX  
5.1 NM WNW OF HA NOI, ADJACENT TO HA NOI ARMY BARRACKS  
WNW MAI DICH AT UTM WJ892278.  
FACILITY CONTAINS 4 LARGE VEHICLE MAINTENANCE  
BUILDINGS, 1 SAWTOOTH-ROOFED PROBABLE ELECTRONICS  
REPAIR BUILDING, 8 VEHICLE SHEDS/SHOPS, 5 VEHICLE  
MAINTENANCE RAMPS, 24 BARRACKS ALL WITH INTERCONNECTING  
CORRIDORS, 6 ADMINISTRATION BUILDINGS 05 MULTISTORY, 1  
U-SHAPED, 1 MESSHALL, 9 STORAGE BUILDINGS, AND 16  
SMALL STORAGE/SUPPORT BUILDINGS.

[REDACTED]  
HA NOI RADIO RECEIVING STATION SON DONG VN 2102N 10541E NO COMRX  
8.6 NM WNW OF HA NOI AT UTM WJ718273.  
FACILITY CONSISTS OF 17 SUPPORT BUILDINGS WITHIN A  
FENCE-SECURED AREA AND A PERSONNEL BUNKER IMMEDIATELY  
NE. SURROUNDING THE CONTROL/SUPPORT AREA ARE 3 LARGE

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AND 3 SMALL DOUBLE RHOMBIC ANTENNAS ARRANGED IN  
DAY/NIGHT PAIRS, 2 OTHER DOUBLE RHOMBICS, 6 SINGLE  
RHOMBICS, AND 6 HORIZONTAL DIPOLES.

[REDACTED]  
HA NOI RADIO BROADCAST STATION ME TRI VN 2059N 10547E NO COMRX  
4.3 NM SW OF HA NOI AND 8.6 NM SSE OF ME TRI.  
SECURED FACILITY CONTAINS A DOUBLE-WALLED CONTROL  
BUILDING, 2 STEEL LATTICE TOWERS WITH CROSSARMS  
SUPPORTING SEVERAL HORIZONTAL ELEMENTS, 2 RHOMBIC  
ANTENNAS IN DAY/NIGHT PAIRS, AT LEAST 6 PROBABLE  
HORIZONTAL DIPOLE ANTENNAS, AND AT LEAST 8 OTHER MASTS.  
SUPPORT FACILITIES INCLUDE A BUNKERED BUILDING AND  
APPROXIMATELY 25 OTHER BUILDINGS.

[REDACTED]  
PHUC YEN EW/GCI SITE VN 2112N 10548E NO COMRX  
8.9 NM SOUTH OF PHUC YEN AIRFIELD AT UTM WJ833452.  
SITE CONTAINS A REVETTED PROBABLE FLAT FACE RADAR AND A  
REVVETTED SINGLE-AXLE GENERATOR TRAILER, 2 UNOCCUPIED  
RADAR MOUNDS, 4 UNOCCUPIED VEHICLE REVETMENTS, AND A  
REVVETTED BUILDING.  
TWO PROBABLE SUPPORT BUILDINGS ARE IMMEDIATELY SOUTH OF  
THE SITE. FOUR ADDITIONAL BUILDINGS HAVE DITCHES  
LEADING FROM THE VICINITY OF THE 2 GROUPS OF VEHICLE  
REVVETMENTS TO ONE OF THE BUILDINGS. THESE 4 BUILDINGS  
HAVE BEEN CONSTRUCTED SINCE [REDACTED]

[REDACTED]  
ONE HOUND HELICOPTER IS OBSERVED ON AN OLD AIRSTRIP  
NEAR THE RADAR SITE.

[REDACTED]  
HA DONG COMMUNICATIONS FACILITY VN 2058N 10547E NO COMRX  
1.1 NM EAST OF HA DONG AND 3.5 NM SW OF HA NOI.  
FACILITY CONSISTS OF A WALL-SECURED CONTROL AREA WITH 1  
CONTROL BUILDING, 6 SUPPORT BUILDINGS, A WATER TOWER,  
AND A COOLING POND. AN ANTENNA FIELD IMMEDIATELY EAST  
AND SOUTH CONTAINS 1 LARGE AND 1 SMALL DOUBLE RHOMBIC  
ANTENNAS IN DAY/NIGHT PAIRS AND 6 HORIZONTAL DIPOLES, 4  
IN DAY/NIGHT PAIRS.

[REDACTED]  
CHANG-CHIANG PROBABLE ELECTRONICS SITE CH 1920N 10842E NO COMRX  
IDENTIFICATION ONLY.

[REDACTED]  
LING-SHUI AD HQ RADAR FACILITY CH 1826N 11004E NO COMRX  
SE EDGE OF LI-AN AND 6 NM SE OF LING-SHUI.  
SITE CONSISTS OF 2 REVETTED MOON FACE RADARS, EACH WITH  
AN ADJACENT CONTROL/SUPPORT BUILDING.

[REDACTED]  
TAM DAO EARLY WARNING RADAR SITE VN 2127N 10538E NO COMRX  
1.8 NM NNW OF TAM DAO AT UTM WJ672736.  
SITE APPEARS TO BE ABANDONED, HOWEVER, CLOUD SHADOW AND  
HAZE LIMIT INTERPRETABILITY.

HA NOI RADIO TRANSMISSION STATION DAI MO VN 2058N 10546E NO COMRX  
Approved For Release 2008/11/09 : CIA-RDP78B03817A000800020035-7  
8.9 NM SE OF DAI MO AND 5.7 NM SW OF HA NOI.

FACILITY CONTAINS A CONTROL AREA SURROUNDED BY AN ANTENNA FIELD WITH 2 LARGE AND 2 SMALL RHOMBIC ANTENNAS IN DAY/NIGHT PAIRS, 1 LARGE DOUBLE RHOMBIC ANTENNA, 4 MEDIUM RHOMBIC ANTENNAS IN DAY/NIGHT PAIRS, 2 MEDIUM RHOMBIC ANTENNAS, 4 VEE ANTENNAS, AND 12 HORIZONTAL DIPOLE ANTENNAS.

OTHER FACILITIES ARE CONTAINED IN 3 SEPARATE AREAS.

AREA A -- WELL SECURED AREA CONTAINS A DOUBLE-WALLED TRANSMITTER BUILDING, A CIRCULAR PROBABLE PERSONNEL BUNKER, 8 SUPPORT BUILDINGS, AND 2 COOLING PONDS.

AREA B -- SECURED SUPPORT AREA IMMEDIATELY NE OF AREA A CONTAINS 4 PROBABLE BARRACKS, 1 MESSHALL, AND 10 SUPPORT BUILDINGS.

AREA C -- SECURED AREA SE OF AREA A CONTAINS 2 LARGE BUNKERED BUILDINGS.

PHUC YEN RADIO COMMUNICATIONS STATION VN 2114N 10544E NO COMRX  
2.8 NM NW OF THE NW END OF THE PHUC YEN RUNWAY AT UTM WJ776484.

SITE IS A MARKER BEACON FOR AN ILS SYSTEM AT THE PHUC YEN AIRFIELD AND CONSISTS OF A HORIZONTAL DIPOLE ANTENNA, A REVETTED CONTROL BUILDING, AND 5 SMALL SUPPORT BUILDINGS.

HAI PHONG POSSIBLE RADAR SITE VN 2056N 10640E NO COMRX  
NO RADAR OBSERVED AT THESE COORDINATES.

888-882 SC F T ST

HAI PHONG RADAR SITE VN 2051N 10643E NO COMRX  
1.9 NM EAST OF THE CENTER OF HAI PHONG AT UTM XJ787072.  
SITE IS UNOCCUPIED.

HANOI/BAC MAI AIRFIELD MICROWAVE FACILITY VN 2059N 10549E NO COMRX  
0.6 NM NW OF HANOI/BAC MAI AIRFIELD AND 2.2 NM SW OF HA NOI AT UTM WJ860218.

ELECTRONIC EQUIPMENT IS NO LONGER LOCATED AT THIS SITE, NO VEHICLES OR ACTIVITY OBSERVED.

HANOI/BAC MAI AIRFIELD RADAR SITE VN 2059N 10549E NO COMRX  
HANOI/BAC MAI AIRFIELD AT UTM WJ869215.  
SITE APPEARS TO BE UNOCCUPIED. ONLY 3 SMALL PERMANENT BUILDINGS REMAIN. NO ELECTRONIC EQUIPMENT OR ASSOCIATED VEHICLES OBSERVED.

SON TAY AW/GCI RADAR FACILITY VN 2104N 10532E NO COMRX  
IDENTIFICATION ONLY.

PHUC YEN AIR WARNING GCI FACILITY VN 2113N 10543E NO COMRX  
4.3 NM ENE OF PHUC YEN AIRFIELD AT UTM WJ918484.

Approved For Release 2008/11/09 : CIA-RDP78B03817A000800020035-7  
FACILITY CONSISTS OF 4 AREAS, ALL UNOCCUPIED EXCEPT FOR

1 PROBABLE VAN TRAILER AND 1 VAN TRUCK.  
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AREA A GUTM WJ913408 -- 1 RADAR MOUND, 4 ADJACENT  
VEHICLE REVETMENTS, 1 REVETTED BUILDING, AND 3 OTHER  
BUILDINGS. ONE VEHICLE REVETMENT IS IMMEDIATELY EAST  
OF AREA A.

AREA B GUTM WJ480913H -- 1 RADAR MOUND, 1 UNOCCUPIED  
REVETMENT, AND 1 REVETMENT OCCUPIED BY A PROBABLE VAN  
TRAILER.

AREA C GUTM WJ918479H -- UNOCCUPIED VEHICLE REVETMENTS.

AREA D GUTM WJ922487H -- 1 UNOCCUPIED VEHICLE REVETMENT  
AND 1 VEHICLE REVETMENT OCCUPIED BY A VAN TRUCK.

NOI BAI RADIO COMMUNICATIONS STATION VN 2112N 10548E NO COMRX  
1.2 NM SE OF PHUC YEN AIRFIELD AT UTM WJ847444.  
SITE CONSISTS OF A SECURED AREA CONTAINING 2 BUILDINGS  
AND 2 UNOCCUPIED REVETMENTS. THE PREVIOUSLY REPORTED  
MAST IS NOT DISCERNIBLE.

MY DUC EARLY WARNING RADAR SITE VN 1952N 10556E NO COMRX  
IDENTIFICATION ONLY.

THAI NGUYEN COMMUNICATIONS FACILITY VN 2138N 10548E NO COMRX  
IDENTIFICATION ONLY.

CUA LO RADAR SITE VN 1849N 10548E NO COMRX  
IDENTIFICATION ONLY.

HA DONG RADAR SITE VN 2056N 10547E NO COMRX  
IDENTIFICATION ONLY.

HA NOI RADIO RECEIVING STATION SON DONG VN 2102N 10541E NO COMRX  
IDENTIFICATION ONLY.

HA DONG AW/GCI FACILITY VN 2059N 10543E NO COMRX  
IDENTIFICATION ONLY.

MILITARY ACTIVITY  
MENG-TZU ARMY BARRACKS SOUTH CH 2321N 10323E  
IDENTIFICATION ONLY.

VAN HOI MILITARY AREAS VN 2131N 10454E  
3 AREAS IN THE VICINITY OF VAN HOI.

AREA A GUTM VJ906807H IS PARTIALLY DESTROYED OR  
DISMANTLED; NO BOMB CRATERS DISCERNIBLE. AREA APPEARS  
TO BE ABANDONED.

AREA B GUTM VJ899794H APPEARS TO BE ALMOST TOTALLY  
DISMANTLED AND PARTIALLY UNDER CULTIVATION.

AREA C GUTM VJ940770H CONTAINS BOMB CRATERS AND SEVERAL  
DAMAGED BUILDINGS. AREA APPEARS TO BE INACTIVE.

Approved For Release 2006/11/09 : CIA-RDP80-000800020005-7  
AREA HAS BEEN SUBJECTED TO AIR STRIKE. APPROXIMATELY  
30 BUILDINGS ARE DESTROYED/DISMANTLED. DAMAGE TO  
REMAINING BUILDINGS IS UNDETERMINED. AREA APPEARS TO  
BE ABANDONED.

[REDACTED]  
YEN BAI ORDNANCE DEPOT VN 2142N 10453E [REDACTED]  
AREA HAS BEEN SUBJECTED TO AIR STRIKE. ALL BUILDINGS  
APPEAR TO BE DESTROYED OR HEAVILY DAMAGED. NO MILITARY  
ACTIVITY OBSERVED.

[REDACTED]  
NAM VU BARRACKS AND STORAGE AREA VN 2144N 10501E [REDACTED]  
THE OVERALL AREA HAS BEEN ENLARGED WITH MANY NEW  
BUILDINGS UNDER CONSTRUCTION IN AND AROUND THE ORIGINAL  
INSTALLATION. VEHICULAR ACTIVITY IS OBSERVED  
THROUGHOUT THE BARRACKS AND STORAGE AREAS. ENTIRE  
INSTALLATION APPEARS TO BE BILLETES IN SUPPORT OF  
CONSTRUCTION ON LANG CHI HYDROELECTRIC POWERPLANT.

[REDACTED]  
THAI NGUYEN ARMY SUPPLY DEPOT NORTH VN 2138N 10551E [REDACTED]  
2.5 NM NORTH OF THAI NGUYEN AT UTM WJ880927.  
INSTALLATION HAS BEEN SUBJECTED TO NUMEROUS AIR  
STRIKES. AT LEAST 15 WAREHOUSES APPEAR TO BE  
DESTROYED, 2 ARE HEAVILY DAMAGED AND THE REMAINING  
BUILDINGS ARE MODERATELY DAMAGED. SMALL SCALE AND  
OBLIQUITY LIMIT INTERPRETABILITY.

[REDACTED]  
BAC GIANG MILITARY AREA VN 2117N 10612E [REDACTED]  
1 NM NORTH OF BAC GIANG AT UTM XJ246537.  
INSTALLATION HAS BEEN SUBJECTED TO AIR STRIKE.  
AREA ON THE EAST SIDE OF A SMALL ROAD CONTAINING 15  
BARRACKS AND 25 SUPPORT BUILDINGS REMAINS INTACT. AREA  
ON THE WEST SIDE OF THE ROAD IS COMPLETELY DESTROYED.  
NO ACTIVITY OBSERVED.

[REDACTED]  
TAI XOUAN AMMUNITION DEPOT SE VN 2143N 10508E NO COMRX  
2 NM SE OF TAI XOUAN AT UTM WK138021.  
AREA HAS BEEN SUBJECTED TO AIR STRIKE. FOURTEEN  
DESTROYED/HEAVILY DAMAGED BUILDINGS AND 8 BUNKERED  
BUILDINGS REMAIN ALONG A CIRCULAR ROAD. SIX BUILDINGS  
REMAIN IN THE MAINTENANCE/BARRACKS AREA.

[REDACTED]  
KY LAM MILITARY CAMP VN 2143N 10514E NO COMRX  
1.2 NM EAST OF KY LAM AT UTM WK243019.  
INSTALLATION CONTAINS 9 PROBABLE BARRACKS, 1  
ADMINISTRATION BUILDING, 1 MESSHALL, AND 7 OTHER  
BUILDINGS.

[REDACTED]  
LANG CA MILITARY AREAS VN 2141N 10523E NO COMRX  
TWO MILITARY AREAS REFERENCED FROM LANG CA.  
AREA A WEST BANK OF SONG DAY AND IN LANG CA AT UTM  
[REDACTED] BARRACKS, 28 BUNKERS, 1 ADMINISTRATION BUILDING, 2

25X

25X

25X

25X1

25X1

25X1

25X1



MESSHALLS, AND NUMEROUS STORAGE/SUPPORT BUILDINGS.  
AREA FOR RELEASE 2006/11/09 - CIA-RDP78B03817A000800020035-7  
12.2 NM NINE OF WEST BANK OF SONG DAY AT UTM  
WK429028 -- 4 BARRACKS, 1 ADMINISTRATION BUILDING, 1  
MESSHALL, AND 3 SUPPORT BUILDINGS.

TRA LY ARMY BARRACKS VN 2026N 10631E NO COMRX  
8.5 NM WSW OF TRA LY ON SOUTH BANK OF CUA TRA LY  
RIVER AT UTM XH588604.  
SECURED AREA CONTAINS 17 PROBABLE BARRACKS AND 8  
PROBABLE SUPPORT BUILDINGS. AT LEAST 12 BUILDINGS HAVE  
BEEN DISMANTLED.

DONG SONG MILITARY AREA 2 VN 2053N 10521E NO COMRX  
NO CHANGE SINCE

DONG SONG MILITARY AREA 1 VN 2053N 10521E NO COMRX  
NO CHANGE SINCE

DONG BEN BARRACKS VN 2054N 10523E NO COMRX  
NO MILITARY ACTIVITY OBSERVED AT THESE COORDINATES.

HOA BINH MILITARY AREAS VN 2049N 10520E NO COMRX  
THREE PROBABLE MILITARY AREAS IN THE VICINITY OF HOA  
BINH.

AREA A NORTH BANK OF BLACK RIVER AT WEST EDGE OF HOA  
BINH AT UTM WJ348022 -- BARRACKS AREA CONTAINS 9  
BARRACKS, 2 PROBABLE VEHICLE MAINTENANCE BUILDINGS, 7  
SUPPORT BUILDINGS, AND SEVERAL PROBABLE VEHICLES. A  
TRAINING AREA IS 8.5 NM NW.

AREA B NORTH BANK OF BLACK RIVER AT SE EDGE OF HOA  
BINH AT UTM WJ373026 -- BARRACKS AREA CONTAINS 4  
BARRACKS ONE T SHAPED, 2 ADMINISTRATION BUILDINGS  
ONE C SHAPED AND ONE T SHAPED, AND 1 SUPPORT  
BUILDING. BARRACKS AREA IMMEDIATELY WEST CONTAINS  
APPROXIMATELY 20 BARRACKS 02 HAVE BEEN DESTROYED OR  
DISMANTLED, 1 CRUCIFORM ADMINISTRATION BUILDING, AND  
APPROXIMATELY 10 STORAGE/SUPPORT BUILDINGS. NO BOMB  
CRATERS OBSERVED IN THE AREA.

AREA C SOUTH BANK OF BLACK RIVER AT UTM WJ350014 --  
BARRACKS/STORAGE AREA CONTAINS 11 BARRACKS, 4 LARGE  
ADMINISTRATION BUILDINGS ONE C SHAPED, 2 SMALL  
ADMINISTRATION BUILDINGS, 2 VEHICLE MAINTENANCE  
BUILDINGS, APPROXIMATELY 30 SMALL STORAGE BUILDINGS,  
AND APPROXIMATELY 20 OTHER BUILDINGS.

HOA BINH ARMY BARRACKS VN 2047N 10521E NO COMRX  
NO APPARENT CHANGE

HOI HAU AMMUNITION DEPOT WEST VN 2037N 10514E NO COMRX  
NO APPARENT CHANGE

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X

LANG NHON BARRACKS AND STORAGE AREAS VN 2225N 10401E NO COMRX  
VICINITY OF LANG NHON.

AREA A 00.5 NM WEST OF LANG NHON -- BARRACKS AREA  
CONTAINS 17 BARRACKS, 2 ADMINISTRATION BUILDINGS, 2  
MESSHALLS, 13 STORAGE BUILDINGS, AND 5 SUPPORT  
BUILDINGS.

AREA B 00.5 NM NW OF LANG NHON -- RAIL-SERVED STORAGE  
AREA CONTAINS 11 STORAGE BUILDINGS, 1 ADMINISTRATION  
BUILDING, AND 8 SUPPORT BUILDINGS. NINE STORAGE  
BUILDINGS ARE ALONG THE ROAD CONNECTING AREAS A AND B.

HA TINH MILITARY INSTALLATIONS VN 1820N 10554E NO COMRX  
ALL STRUCTURES IN HA TINH MILITARY INSTALLATIONS HAVE  
BEEN DESTROYED/DISMANTLED.

25X

SAVANNAKHET HQ 3RD MIL REGION - SUPPLY DEPOT LA 1632N 10446E NO COMRX  
SE EDGE OF SAVANNAKHET.

INSTALLATION CONSISTS OF 6 ADJACENT AREAS.

AREA A 00.2 NM SOUTH OF SAVANNAKHET AIRFIELD -- ACTIVE  
SMALL-ARMS FIRING RANGE.

AREA B IMMEDIATELY WEST OF AREA A -- PARTIALLY  
SECURED AREA CONTAINS 6 LARGE STORAGE BUILDINGS, 20

SMALL STORAGE BUILDINGS, 1 LARGE WAREHOUSE-TYPE  
BUILDING UNDER CONSTRUCTION, 1 PROBABLE ADMINISTRATION  
BUILDING, AND AN OPEN STORAGE AREA.

AREA C IMMEDIATELY WEST OF AREA B -- SECURED POL  
STORAGE AREA CONTAINS 4 LARGE EMPTY REVETMENTS, AND 2  
SUPPORT BUILDINGS.

AREA D IMMEDIATELY SE OF AREA C -- SECURED  
BARRACKS/STORAGE AREA CONTAINS 13 BARRACKS, 2 M-ROOFED  
STORAGE BUILDINGS AND A TRIPLE-SECURED AREA. A SMALL  
STORAGE AREA IMMEDIATELY SE CONTAINS 5 SMALL STORAGE  
BUILDINGS.

AREA E IMMEDIATELY SE OF AREA D -- SECURED BARRACKS  
AREA CONTAINS 15 BARRACKS, 2 ADMINISTRATION BUILDINGS,  
1 STORAGE BUILDING, AND 2 SUPPORT BUILDINGS. A STORAGE  
AREA IMMEDIATELY SW CONTAINS 1 T-SHAPED STORAGE  
BUILDING AND 12 OTHER STORAGE BUILDINGS.

AREA F IMMEDIATELY SE OF AREA E -- SECURED BARRACKS  
AREA CONTAINS 4 QUADRANGLES WITH 5 BARRACKS EACH, 6  
LARGE STORAGE BUILDINGS, 1 ADMINISTRATION BUILDING, AND  
5 SUPPORT BUILDINGS.

SAVANNAKHET QUARTERMASTER DEPOT LA 1634N 10445E NO COMRX  
NE EDGE OF SAVANNAKHET.

STORAGE AREA CONTAINS 16 STORAGE BUILDINGS AND 2  
ADMINISTRATION BUILDINGS. NO ACTIVITY OBSERVED.

25X1

25X1

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1-2 NM SE OF KEP AIRFIELD IN THE VICINITY OF UTM  
XJ325643 AND UTM XJ650333.

STORAGE AREA CONSISTS OF APPROXIMATELY 38 SMALL  
RETTED STORAGE BUILDINGS DISPERSED AMONG LOW HILLS.  
NUMEROUS STRUCTURES APPARENTLY CIVILIAN ARE SCATTERED  
THROUGHOUT THE STORAGE AREA.

[REDACTED] YEN KHOAI ARMY BKS AND AMMO DEPOT VN 2110N 10522E NO COMRX  
1.5 NM NE OF CAM DAI.

INSTALLATION CONTAINS 25 BARRACKS, 7 ADMINISTRATION  
BUILDINGS, 12 STORAGE/VEHICLE MAINTENANCE BUILDINGS, 6  
RETTED AMMUNITION STORAGE BUILDINGS, 6 MESSHALLS, AND  
APPROXIMATELY 20 SUPPORT BUILDINGS.  
A SEPARATELY SECURED AMMUNITION STORAGE AREA  
IMMEDIATELY WSW CONTAINS 8 RETTED AMMUNITION STORAGE  
BUILDINGS.

[REDACTED] SAVANNAKHET ARMY SUPPLY DEPOT LA 1634N 10445E NO COMRX  
FIVE SEPARATE AREAS IN THE VICINITY OF SAVANNAKHET.

BARLAS B-E REFERENCED FROM AREA A.  
AREA A (NORTHERN EDGE OF SAVANNAKHET) -- SECURED AREA  
CONTAINS 1 SAWTOOTH-ROOFED BUILDING, 17 LARGE  
WAREHOUSES, AND APPROXIMATELY 20 SMALLER PROBABLE  
STORAGE BUILDINGS. A BARRACKS AREA IN THE CENTER OF  
THE DEPOT CONTAINS 14 BARRACKS, 1 PROBABLE  
ADMINISTRATION BUILDING, AND 13 SUPPORT BUILDINGS.  
AREA B IMMEDIATELY NORTH -- APPROXIMATELY 40  
PARTIALLY SECURED SMALL HUTS.

AREA C IMMEDIATELY SW -- PARTIALLY SECURED  
MAINTENANCE/STORAGE AREA CONTAINS 1 L-SHAPED PROBABLE  
VEHICLE MAINTENANCE BUILDING, 6 STORAGE BUILDINGS,  
SEVERAL SMALL BUILDINGS, AND OPEN AIR STORAGE.  
AREA D IMMEDIATELY WEST -- BARRACKS/STORAGE AREA  
CONTAINS 4 BARRACKS, 1 PROBABLE ADMINISTRATION  
BUILDING, 2 M-ROOFED STORAGE BUILDINGS, 4 OTHER STORAGE  
BUILDINGS, 1 VEHICLE MAINTENANCE BUILDING, AND 7  
STORAGE/SUPPORT BUILDINGS. NUMEROUS VEHICLES OBSERVED.  
AREA E IMMEDIATELY SOUTH -- BARRACKS/STORAGE AREA  
CONTAINS 7 BARRACKS, 1 ADMINISTRATION BUILDING, AND 14  
STORAGE BUILDINGS, OPEN STORAGE, AND NUMEROUS VEHICLES.

[REDACTED] SAVANNAKHET SIGNAL DEPOT SE LA 1632N 10447E NO COMRX  
2 NM SE OF SAVANNAKHET AT UTM VD765289.  
FENCED AREA CONTAINS 47 SMALL PROBABLE STORAGE  
BUILDINGS AND 2 OTHER SMALL BUILDINGS.  
A SECOND FENCED AREA IMMEDIATELY SE CONTAINS 12  
BUILDINGS.

[REDACTED] VINH BARRACKS AREA MY HAN VN 1842N 10538E NO COMRX  
3.1 NM NNW OF VINH AT UTM WF684693.

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STRIKES. ALL BUILDINGS APPEAR TO BE  
DESTROYED/DISMANTLED.

[REDACTED]  
DAN HOI ARMY BARRACKS SOUTH VN 2103N 10543E NO COMRX  
1 NM SE OF DAN HOI AT UTM WJ751295.  
INSTALLATION CONTAINS 27 BARRACKS, 4 ADMINISTRATION  
BUILDINGS, 8 STORAGE BUILDINGS, AND 10 SUPPORT  
BUILDINGS.

[REDACTED]  
NHUE THON MILITARY CAMPS VN 1954N 10532E NO COMRX  
0.7 NM WEST OF NHUE THON.  
INSTALLATION CONSISTS OF 3 MILITARY CAMPS AND A STORAGE  
FACILITY.

AREA A GUTM WH563818 -- 6 BARRACKS, 3 ADMINISTRATION  
BUILDINGS, 3 STORAGE BUILDINGS, AND 3 POSSIBLE  
AMMUNITION STORAGE BUILDINGS.

AREA B GUTM WH558014 -- 3 PROBABLE BARRACKS, 1 LARGE  
MULTISTORY ADMINISTRATION BUILDING, 2 H-SHAPED  
MESSHALLS, 1 STORAGE/MAINTENANCE BUILDING, AND AT LEAST  
12 SUPPORT BUILDINGS. OTHER FACILITIES INCLUDE 1  
ATHLETIC FIELD.

AREA C GUTM WH559026 -- 6 BARRACKS, 1 ADMINISTRATION  
BUILDING, 1 MESSHALL, AND 4 STORAGE BUILDINGS (2 NOT  
ROOFED).

AREA D GUTM WH552027 -- STORAGE AREA CONTAINS 3  
PROBABLE BARRACKS, 5 PROBABLE VEHICLE SHEDS, AND 7  
SUPPORT BUILDINGS.

[REDACTED]  
MY HOA MILITARY CAMP VN 2002N 10532E NO COMRX  
NO MILITARY ACTIVITY OBSERVED AT THESE COORDINATES.

[REDACTED]  
THANH HOA ARMY BARRACKS VN 1948N 10546E NO COMRX  
OLD CITADEL IN THE CENTER OF THANH HOA AT UTM XGB16705.  
AREA HAS BEEN SUBJECTED TO REPEATED AIR STRIKES. TWO  
MULTISTORY PROBABLE HEADQUARTERS BUILDINGS AND 4  
ADMINISTRATION BUILDINGS REMAIN INTACT. ALL OTHER  
BUILDINGS ARE DESTROYED OR DAMAGED.

[REDACTED]  
THAI NGUYEN HQ MILITARY REGION VIET BAC VN 2137N 10550E NO COMRX  
1.7 NM NORTH OF THAI NGUYEN AT UTM WJ877913.  
FACILITY CONTAINS 28 BARRACKS, 4 ADMINISTRATION  
BUILDINGS, 7 STORAGE BUILDINGS, 3 MESSHALLS, AND 30  
OTHER BUILDINGS.

[REDACTED]  
HUNG HOA MILITARY AREA VN 2113N 10521E NO COMRX  
0.5 NM NNE OF PHU NHIEU AND 1 NM EAST OF PHU HUU AT UTM  
WJ378478.

AREA CONTAINS APPROXIMATELY 17 BARRACKS, 24 PROBABLE  
STORAGE BUILDINGS, 1 AMMUNITION STORAGE BUILDING, 7  
POSSIBLE ADMINISTRATION BUILDINGS, 5 MESSHALLS, AND  
APPROXIMATELY 40 SUPPORT BUILDINGS AND SHEDS.

CANH THUY PROBABLE STORAGE AREA VN 2112N 10615E NO COMRX  
0.9 NM NW OF CANH THUY AT UTM XJ302455.  
CONSTRUCTION APPEARS TO BE COMPLETE. AREA CONSISTS OF  
42 STORAGE BUILDINGS 04 IN NARROW VALLEY.  
A SECURED PROBABLE ADMINISTRATION AREA WITH  
APPROXIMATELY 20 BUILDINGS AND A PARADE FIELD IS 0.6 NM  
SOUTH WITHIN AN UNNAMED VILLAGE.

HA NOI WAREHOUSE AREA SOUTHEAST VN 2100N 10552E NO COMRX  
SOUTH BANK OF THE RED RIVER IMMEDIATELY NORTH OF VINH  
TUY AND APPROXIMATELY 3 NM SE OF HA NOI AT UTM  
WJ913225.

RIVER PORT AREA CONTAINS FACILITIES FOR HANDLING AND  
STORAGE OF COAL, SAND, GRAVEL, AND OTHER BULK PRODUCTS.  
EXTENSIVE STORAGE FACILITIES INCLUDE 72 STORAGE  
BUILDINGS, 3 ADMINISTRATION BUILDINGS, AND 22 SUPPORT  
BUILDINGS.

AN OPEN STORAGE AREA CONTAINS STACKS OF PROBABLE LOGS.

GIAP NHAT SUPPLY - MAINTENANCE FACILITY VN 2058N 10550E NO COMRX  
4 NM SOUTH OF HA NOI.

FACILITY CONSISTS OF 2 AREAS, BOTH HAVE BEEN SUBJECTED  
TO NUMEROUS AIR STRIKES.

AREA A UTM WJ879194H -- ONLY 17 BUILDINGS REMAIN. NO  
ACTIVITY OBSERVED.

AREA B UTM WJ879199H -- 18 VEHICLE MAINTENANCE  
BUILDINGS 04 DESTROYED AND 7 STORAGE/SUPPORT  
BUILDINGS. NO ACTIVITY OBSERVED.

SON DONG STORAGE VN 2105N 10530E NO COMRX  
NO APPARENT CHANGE

DONG BEN STORAGE AREA VN 2054N 10523E NO COMRX  
NO MILITARY ACTIVITY OBSERVED AT THESE COORDINATES.

HA TINH MILITARY CAMP VN 1819N 10552E NO COMRX  
INSTALLATION COMPLETELY DESTROYED/DISMANTLED.

LANG QUAN PROBABLE MILITARY CAMP VN 2215N 10448E NO COMRX  
INSTALLATION COMPLETELY DISMANTLED.

MY NGOC BARRACKS AREA VN 1820N 10546E NO COMRX  
INSTALLATION COMPLETELY DESTROYED/DISMANTLED.

NAM SON BARRACKS VN 1844N 10543E NO COMRX  
5.3 NM NE OF VINH AT UTM WF765722.

ONE LARGE ADMINISTRATION BUILDING REMAINS STANDING. ALL  
OTHERS HAVE BEEN DESTROYED/DAMAGED.



CHAP LE ARMY BARRACKS NORTHWEST VN 1727N 10657E NO COMRX  
ALL STRUCTURES DESTROYED, SEVERELY DAMAGED, OR  
DISMANTLED.

VINH LINH BARRACKS SW VN 1703N 10658E NO COMRX  
ALL STRUCTURES DESTROYED, SEVERELY DAMAGED, OR  
DISMANTLED.

LA HAN PROBABLE MILITARY AREA VN 2021N 10513E NO COMRX  
INSTALLATION COMPLETELY DESTROYED.

VINH LINH ARMY BARRACKS VN 1710N 10703E NO COMRX  
ALL BUILDINGS DESTROYED/DISMANTLED.

DAO TU MILITARY CAMP VN 2120N 10533E NO COMRX  
NO MILITARY ACTIVITY OBSERVED.

SA LUNG STORAGE AREA VN 1702N 10659E NO COMRX  
AREA IS ABANDONED AND ALL BUILDINGS DESTROYED.

VINH LINH ARMY BARRACKS SA LUNG VN 1702N 10659E NO COMRX  
AREA RAZED AND ABANDONED.

BEN QUANG ARMY BARRACKS SE VN 1659N 10657E NO COMRX  
ALL STRUCTURES DESTROYED/DISMANTLED.

BEN QUANG ARMY BARRACKS SOUTHWEST VN 1700N 10656E NO COMRX  
ALL STRUCTURES DESTROYED/DISMANTLED.

HA SON TRANG BARRACKS AREAS VN 1750N 10605E NO COMRX  
AREA COMPLETELY DESTROYED AND APPEARS TO BE ABANDONED.

MUI RON WCAPEA MILITARY AREA VN 1807N 10625E NO COMRX  
NO RADAR OBSERVED AT THESE COORDINATES.

YEN PHU ARMY BARRACKS NE VN 1915N 10546E NO COMRX  
INSTALLATION COMPLETELY DESTROYED.

YEN CAT MILITARY BARRACKS VN 1905N 10550E NO COMRX  
8.8 NM WNW OF YEN CAT AT UTM WGB86846.  
AREA HAS BEEN SUBJECTED TO AIR STRIKE AND CONSISTS OF 3  
SUPPORT BUILDINGS. ALL OTHER BUILDINGS HAVE BEEN  
DESTROYED, AND THE AREA APPEARS TO BE ABANDONED.

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THANH HOA ARMY BARRACKS SOUTH VN 1946N 10546E NO COMRX

TWO AREAS SW OF KIEU DAI.

AREA A QUTM WGB15870H -- 6 BARRACKS DESTROYED AND 2 BARRACKS INTACT. ONE H-SHAPED MESSHALL AND 8 SUPPORT BUILDINGS ARE DESTROYED. TWO SUPPORT BUILDINGS REMAIN INTACT.

AREA B QUTM WGB12865H -- 2 MULTISTORY BARRACKS HEAVILY DAMAGED; 1 MULTISTORY BARRACKS MODERATELY DAMAGED; AND 1 MULTISTORY BARRACKS WITH LIGHT ROOF DAMAGE; 2 SINGLE-STORY BARRACKS WITH LIGHT ROOF DAMAGE; ONE ADMINISTRATION BUILDING REMAINS INTACT; 2 SUPPORT BUILDINGS WITH LIGHT ROOF DAMAGE; AND 11 SUPPORT BUILDINGS DESTROYED.

PHUNG LOC ARMY BARRACKS WEST VN 1949N 10535E NO COMRX  
ALL BUILDINGS DESTROYED/DISMANTLED.

BAI THUONG ARMY BARRACKS NE VN 1954N 10527E NO COMRX  
ENTIRE BARRACKS AREA DESTROYED/DISMANTLED.

THAI NGUYEN MILITARY CAMP VN 2134N 10551E NO COMRX  
1.7 NM SSE OF THAI NGUYEN AT UTM WJ883849.  
FACILITY CONTAINS 11 BARRACKS, 4 ADMINISTRATION BUILDINGS, 2 PROBABLE MESSHALLS, AND 10 SUPPORT/STORAGE BUILDINGS.

PHUC YEN ARMY BARRACKS VN 2113N 10542E NO COMRX  
THREE AREAS REFERENCED FROM PHUC YEN.  
AREA A 00.8 NM SOUTH AT UTM WJ734474H -- SECURED AREA CONTAINS 9 BARRACKS, 1 ADMINISTRATION BUILDING, AND 5 SUPPORT BUILDINGS.

AREA B 01.2 NM SE AT UTM WJ742462H -- SECURED AREA CONTAINS FOUR 2-STORY BARRACKS, 2 ADMINISTRATION BUILDINGS, ONE C SHAPED, 9 SUPPORT BUILDINGS, AND 7 OTHER BUILDINGS.

AREA C 01.3 NM SSE AT UTM WJ743461H -- TRAINING AREA CAN BE IDENTIFIED ONLY.

TRAI THON ARMY BARRACKS VN 2120N 10609E NO COMRX  
1 NM NE OF TRAI THON AT UTM XJ196600.  
AREA CONTAINS 11 BARRACKS, 1 LARGE AND 2 SMALL ADMINISTRATION BUILDINGS, AND 7 SUPPORT BUILDINGS. AN ATHLETIC FIELD IS OBSERVED ON THE NW EDGE.  
VEHICLES -- NONE OBSERVED.

HA NOI AREA ARMY BARRACKS WEST YEN LANG VN 2101N 10549E NO COMRX  
1.9 NM WSW OF HA NOI RAILROAD CLASSIFICATION YARD AT UTM WJ853248.

FENCED AREA CONTAINS 1 MICROWAVE TOWER, A METEOROLOGICAL STATION, 40 PROBABLE BARRACKS, 4 ADMINISTRATION

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BUILDINGS, AND SEVERAL SUPPORT BUILDINGS.  
THREE POSSIBLY ASSOCIATED PARTIALLY FENCED AREAS ON THE  
EAST AND SE EDGES OF CAMP CONTAIN A TOTAL OF 8 LARGE  
MULTISTORY ADMINISTRATION BUILDINGS AND APPROXIMATELY  
30 SMALLER BUILDINGS.

[REDACTED]  
HA NOI ARMY BARRACKS WEST MAI DICH VN 2102N 10546E NO COMRX  
THREE POSSIBLE MILITARY AREAS ON THE EAST AND WEST  
EDGES OF MAI DICH.

AREA A WEST EDGE OF MAI DICH -- 3 FENCED SUBAREAS  
CONTAIN 19 MULTISTORY BARRACKS-TYPE BUILDINGS, 8  
MULTISTORY ADMINISTRATION BUILDINGS, AND NUMEROUS SMALL  
SUPPORT BUILDINGS.

AREA B WEST EDGE OF MAI DICH -- BARRACKS AREA  
CONTAINS 75 BARRACKS @ 10 MULTISTORY, 7  
ADMINISTRATION/SUPPORT BUILDINGS, 4 ADMINISTRATION  
BUILDINGS @ 1 MULTISTORY, 2 LARGE MESSHALLS, AND  
NUMEROUS OTHER BUILDINGS.

AREA C @ 0.5 NM EAST OF MAI DICH -- SECURED AREA  
CONTAINS 12 BARRACKS, 8 ADMINISTRATION BUILDINGS, AND  
20 SUPPORT BUILDINGS.

[REDACTED]  
HA NOI PROBABLE MILITARY AREA VN 2102N 10548E NO COMRX  
2.5 NM NW OF THE HA NOI RAILROAD CLASSIFICATION YARD.  
INSTALLATION CONTAINS 18 MULTISTORY BARRACKS, FIVE  
2-STORY BARRACKS, 3 ADMINISTRATION BUILDINGS, 1  
MESSHALL, 1 U-SHAPED VEHICLE MAINTENANCE/STORAGE  
BUILDING, AND 16 STORAGE/SUPPORT BUILDINGS.

[REDACTED]  
NINH DUONG ARMY BARRACKS SW NGA MY VN 2051N 10545E NO COMRX  
0.5 NM ENE OF NGA MY AT UTM WJ92869.  
SECURED CAMP CONTAINS 41 BARRACKS, 7 ADMINISTRATION  
BUILDINGS, 3 MESSHALLS, 1 H-SHAPED BUILDING FOUNDATION,  
3 REVELTED STORAGE BUILDINGS, 7 STORAGE BUILDINGS, 5  
SUPPORT BUILDINGS, AND AN ATHLETIC FIELD.

[REDACTED]  
VAN PHAI BARRACKS AREAS VN 2122N 10553E NO COMRX  
0.7 NM ESE OF VAN PHAI AT UTM WJ982637.  
THREE SEPARATE AREAS IN THE VICINITY OF VAN PHAI.  
AREA A @ UTM WJ981643 -- BARRACKS AND STORAGE AREA  
CONSISTS OF 3 BARRACKS, 1 ADMINISTRATION BUILDING, 1  
MESSHALL, 1 REVELTED STORAGE BUILDING, AND 4 OTHER  
STORAGE BUILDINGS.  
AREA B @ UTM WJ981636 -- STORAGE AREA CONSISTS OF 16  
STORAGE BUILDINGS AND 1 SUPPORT BUILDING.  
AREA C @ UTM WJ985635 -- BARRACKS AREA CONSISTS OF "  
BARRACKS, 1 ADMINISTRATION BUILDING, AND 1 MESSHALL.

[REDACTED]  
YEN SO BARRACKS AREA VN 2102N 10548E NO COMRX  
0.4 NM WSW OF YEN SO AT UTM WJ782263.  
FACILITY CONSISTS OF 7 BARRACKS @ 2 STORIES, 1

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ADMINISTRATION BUILDINGS, 1 MESSHALL, 4 SUPPORT  
BUILDINGS, AN ATHLETIC FIELD, AND AN OBSTACLE COURSE.  
TRENCHING IS VISIBLE THROUGHOUT THE AREA.

[REDACTED]  
PHUC YEN AIRFIELD BARRACKS VN 2116N 10549E NO COMRX  
4.3 NM NORTH OF PHUC YEN AIRFIELD AT UTM WJ852532.  
AREA CONSISTS OF SEVEN 2-STORY BARRACKS, 7 OTHER  
BARRACKS, 1 2-SHAPED ADMINISTRATION BUILDING, 1  
AUDITORIUM, 6 SUPPORT BUILDINGS, 2 MESSHALLS, AND 1  
VEHICLE MAINTENANCE BUILDING.  
AREA HAS DIRECT ROAD ACCESS TO THE NORTHERN AIRCRAFT  
DISPERSAL AREA OF PHUC YEN AIRFIELD.

[REDACTED]  
HA NOI ARMY BARRACKS NNW THUY PHUONG VN 2104N 10546E NO COMRX  
4.8 NM NW OF HA NOI RAILROAD CLASSIFICATION YARD.  
FENCED INSTALLATION CONTAINS 56 BARRACKS, 3  
ADMINISTRATION BUILDINGS, 11 STORAGE BUILDINGS, 33  
SUPPORT BUILDINGS, AND AN ATHLETIC FIELD.

[REDACTED]  
COT NGANH ARMY BARRACKS WEST VN 2124N 10551E NO COMRX  
1 NM SW OF COT NGANH AT UTM WJ892677.  
BARRACKS AND STORAGE AREA CONTAINS 12 BARRACKS, 11  
STORAGE BUILDINGS, 5 AMMUNITION STORAGE BUILDINGS, 7  
ADMINISTRATION BUILDINGS, 3 MESSHALLS, AND 28 SUPPORT  
BUILDINGS.

[REDACTED]  
COT NGANH BARRACKS NORTHEAST VN 2125N 10553E NO COMRX  
8.3 NM NW OF XOM DIEN AT UTM WJ917693.  
AREA CONTAINS 14 PROBABLE BARRACKS, 4 ADMINISTRATION  
BUILDINGS, 7 PROBABLE STORAGE BUILDINGS, 1 REVETTED  
STORAGE BUILDING, 4 MESSHALLS, AND APPROXIMATELY 28  
OTHER BUILDINGS.

[REDACTED]  
HA NOI ARMY BARRACKS BAC MAI AIRFIELD VN 2059N 10549E NO COMRX  
NW CORNER OF THE RUNWAY AT HANOI/BAC MAI AIRFIELD.  
BARRACKS AREA FOR THE AIRFIELD CONTAINS 44 BARRACKS, 12  
ADMINISTRATION BUILDINGS, 20 STORAGE BUILDINGS, 5  
AMMUNITION STORAGE BUILDINGS, 4 MESSHALLS, AND  
APPROXIMATELY 68 OTHER BUILDINGS AND SHEDS.

[REDACTED]  
HA NOI MIN OF NAT DEF ARMY - AREA CAPITAL VN 2102N 10550E NO COMRX  
CENTER OF HA NOI.  
WALLED INSTALLATION CONTAINS 41 BARRACKS, 41  
ADMINISTRATION BUILDINGS, 48 STORAGE BUILDINGS, 16  
MAINTENANCE BUILDINGS, 17 QUARTERS, AND APPROXIMATELY  
90 OTHER BUILDINGS.

[REDACTED]  
PHUC YEN AIRFIELD BARRACKS VN 2116N 10549E NO COMRX  
3.4 NM NNE OF THE AIRFIELD AT UTM WJ852528.  
INSTALLATION CONTAINS 15 BARRACKS, 3 MESSHALLS, AND 6  
SUPPORT BUILDINGS.

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DA PHUC MILITARY CAMP SW VN 2118N 10551E NO COMRX  
NO APPARENT CHANGE

DA PHUC MILITARY CAMP NNW VN 2120N 10551E NO COMRX  
1.5 NM NNW OF DA PHUC PHA GIAM AT UTM WJ897596.  
CAMP CONTAINS 23 BARRACKS, 4 MESSHALLS, AND 4 OTHER  
BUILDINGS. A SECURED ADMINISTRATION/STORAGE AREA  
CONTAINS 4 ADMINISTRATION BUILDINGS, 7 STORAGE  
BUILDINGS AND 4 OTHER BUILDINGS. INDIVIDUALLY SECURED  
STORAGE AREAS OF 4 AND 3 BUILDINGS, RESPECTIVELY, ARE  
LOCATED WITHIN THE ADMINISTRATION/STORAGE AREA. A  
SEPARATELY FENCED STORAGE AREA ON THE EAST SIDE OF THE  
INSTALLATION CONTAINS 2 STORAGE BUILDINGS.

CHUC SON ARMY BARRACKS NORTH VN 2056N 10542E NO COMRX  
2 NM NORTH OF CHUC SON AND 1.3 NM NNW OF MAI LINH AT  
UTM WJ744158.  
AREA CONTAINS 85 BARRACKS, 5 MESSHALLS, 5  
ADMINISTRATION BUILDINGS, 18 STORAGE/SUPPORT BUILDINGS,  
AND 1 PROBABLE WATER TOWER.

HA DONG ARMY BARRACKS VN 2058N 10546E NO COMRX  
8.9 NM WNW OF HA DONG AT UTM WJ884192.  
INSTALLATION CONTAINS 9 BARRACKS, 2 ADMINISTRATION  
BUILDINGS, 25 STORAGE BUILDINGS, 6 AMMUNITION STORAGE  
BUILDINGS, 3 MESSHALLS, AND APPROXIMATELY 20 OTHER  
BUILDINGS.

BAC MAI BARRACKS VN 2058N 10551E NO COMRX  
1 NM SOUTH OF HA NOI AT UTM WJ887200.  
FACILITY CONSISTS OF 3 AREAS.  
AREA A -- BARRACKS AREA SERVED BY ROUTE 1A CONTAINS 56  
BARRACKS, 1 MESSHALL, AND 46 SUPPORT BUILDINGS.  
AREA B -- STORAGE AREA CONTAINS 10 STORAGE BUILDINGS  
AND 9 SUPPORT BUILDINGS.  
AREA C -- ADMINISTRATION AREA CONTAINS 8 ADMINISTRATION  
BUILDINGS AND 16 SUPPORT BUILDINGS.

HA DONG ARMY BARRACKS SW VN 2057N 10545E NO COMRX  
2 NM SW OF HA DONG AND 8.9 NM ESE OF YEN LO AT UTM  
WJ784178.  
SECURED BARRACKS AREA CONSISTS OF 21 BARRACKS, 4  
ADMINISTRATION BUILDINGS, 2 MESSHALLS, 16  
SUPPORT/STORAGE BUILDINGS, AND 6 VEHICLE SHEDS.

THUONG DINH MILITARY CAMP VN 2129N 10554E NO COMRX  
8.9 NM WSW OF THUONG DINH AT UTM WJ936772.  
AREA CONSISTS OF 14 PROBABLE BARRACKS, 2 ADMINISTRATION  
BUILDINGS, 4 MESSHALLS, 2 VEHICLE SHEDS, 2 REVERTED



**STORAGE BUILDINGS, AND 4 STORAGE/SUPPORT BUILDINGS.**

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THUONG DINH ARMY BARRACKS NORTH VN 2054N 10551E NO COMRX  
2.2 NM NORTH OF VAN TRAI AT UTM WJ888118.

AREA CONTAINS 30 BARRACKS 03 DESTROYED, 6 DAMAGED, 6  
STORAGE BUILDINGS, 1 ADMINISTRATION BUILDING, 3  
MESSHALLS, 2 PROBABLE AMMUNITION STORAGE BUILDINGS, AND  
13 OTHER BUILDINGS.

HA NOI POSSIBLE BARRACKS AREA BAC MAI VN 2059N 10550E NO COMRX  
IMMEDIATELY SE OF BAC MAI AIRFIELD AT UTM WJ873211.

INSTALLATION CONSISTS OF 2 ADJACENT SECURED POSSIBLE  
BARRACKS AREAS AND A SECURED STORAGE AREA.

AREA A CONTAINS 11 BARRACKS, 3 MESSHALLS, 4 SMALL  
SUPPORT BUILDINGS, AND 5 STORAGE BUILDINGS.

AREA B CONTAINS 62 BARRACKS, 2 ADMINISTRATION  
BUILDINGS, 1 LARGE FIELD HOUSE, 4 LARGE MESSHALLS, AND  
13 SUPPORT BUILDINGS.

AREA C IS A SECURED OPEN STORAGE AREA.

BAC NINH ARMY BARRACKS VN 2110N 10603E NO COMRX  
18 NM NE OF HA NOI IN NORTHERN SECTOR OF BAC NINH AT  
UTM XJ120430.

WALL AND MOAT SECURED CITADEL CONTAINS 7 MULTISTORY  
BARRACKS, 20 OTHER BARRACKS, 5 ADMINISTRATION  
BUILDINGS, 5 PROBABLE ADMINISTRATION BUILDINGS, 1  
REvetTED STORAGE BUILDING, 19 OTHER STORAGE BUILDINGS,  
NUMEROUS SUPPORT BUILDINGS AND SHEDS, AND AN ATHLETIC  
FIELD.

HA NOI ARMY BARRACKS NE GIA THUONG VN 2103N 10552E NO COMRX  
3 NM NNE OF HA NOI AT UTM WJ912293.

AREA HAS BEEN SUBJECTED TO AIR STRIKE AND CONTAINS 135  
BARRACKS 23 FORMER BARRACKS BUILDINGS ARE  
DISMANTLED/DESTROYED, 34 ADMINISTRATION BUILDINGS, 24  
STORAGE BUILDINGS, 4 VEHICLE STORAGE BUILDINGS, 9  
QUARTERS, 8 MESSHALLS, 1 VEHICLE MAINTENANCE BUILDING,  
AND APPROXIMATELY 85 OTHER BUILDINGS.

CHU MAU PROBABLE BARRACKS AREA U/C VN 2109N 10606E NO COMRX  
NE EDGE OF CHU MAU AND 4 NM SE OF BAC NINH.  
CONSTRUCTION APPEARS TO BE COMPLETE. THE AREA CONTAINS  
11 PROBABLE STORAGE BUILDINGS.

VAN TRAI MILITARY AREAS VN 2052N 10552E NO COMRX  
THREE MILITARY AREAS REFERENCED FROM VAN TRAI.

AREA A 00.3 NM WEST AT UTM WJ881076 -- SECURED AREA  
CONTAINS 10 BARRACKS, 2 MULTIWING ADMINISTRATION  
BUILDINGS, AND 8 SUPPORT BUILDINGS. AREA HAS BEEN  
SUBJECTED TO AIR STRIKE

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AREA B 00.8 NM EAST AT UTM WJ899070 -- SECURED AREA

25X1

25X1

25X1

25X1

25X1

25X1

CONTAINS 21 BARRACKS, 06 HEAVILY DAMAGED, 2  
ADMINISTRATION BUILDINGS, 2 MESSHALLS, 1 FIELD HOUSE,  
AND 8 SUPPORT BUILDINGS.

AREA C 08.8 NM ESE AT UTM WJ982873H -- SECURED AREA  
CONTAINS 12 BARRACKS, 2 ADMINISTRATION BUILDINGS, 6  
STORAGE BUILDINGS, AND 6 SUPPORT BUILDINGS.

HOI THONG COASTAL DEFENSE POSITION VN 1844N 10547E NO COMRX  
8.5 NM SE OF HOI THONG AND 7.6 NM NE OF VINH, AT UTM  
WF832718.

DEFENSE SITE CONTAINS 4 UNOCCUPIED PARTIALLY REVETTED  
GUN POSITIONS AND A SMALL SUPPORT AREA WITH 6 BUILDINGS  
AND SEVERAL TRENCHES.

LAO CAI ARMY BARRACKS VN 2229N 10358E NO COMRX  
POSSIBLE MILITARY BARRACKS AND STORAGE AREAS LOCATED IN  
LAO CAI AREA.

AREA A BUTM UK952883H -- WALL-SECURED STORAGE AREA WITH  
2 GUARD TOWERS CONTAINS 9 STORAGE BUILDINGS. FIVE  
SUPPORT BUILDINGS ARE OUTSIDE THE WALL.

AREA B BUTM UK949874H -- STORAGE AREA CONTAINS 17  
STORAGE BUILDINGS, 7 BARRACKS, 5 SUPPORT BUILDINGS, AND  
1 ADMINISTRATION BUILDING.

AREA C BUTM UK944868H -- STORAGE AREA CONTAINS 23  
STORAGE/SUPPORT BUILDINGS, 3 PROBABLE BARRACKS, 1  
L-SHAPED ADMINISTRATION BUILDING, AND 1 T-SHAPED  
ADMINISTRATION BUILDING.

AREA D BUTM UK954856H -- HEADQUARTERS AREA CONTAINS 4  
ADMINISTRATION BUILDINGS AND 5 SUPPORT BUILDINGS.

AREA E BUTM UK949854H -- BARRACKS AREA CONTAINS 3  
BARRACKS, 2 STORAGE BUILDINGS, 1 ADMINISTRATION  
BUILDING, AND 4 SUPPORT BUILDINGS.

AREA F BUTM UK946858H -- BARRACKS AREA CONTAINS 3  
BARRACKS, 3 STORAGE BUILDINGS, 3 SUPPORT BUILDINGS, 2  
ADMINISTRATION BUILDINGS, AND 1 MESSHALL.

AREA G BUTM UK947865H -- STORAGE AREA CONTAINS 6  
STORAGE BUILDINGS, 1 ADMINISTRATION BUILDING, AND 3  
SUPPORT BUILDINGS.

AREA H BUTM UK944875H -- BARRACKS AREA CONTAINS 12  
BARRACKS, 3 STORAGE BUILDINGS, AND 3 SUPPORT BUILDINGS.

XOM COI ARMY BARRACKS VN 2017N 10511E NO COMRX  
1.5 NM NW OF XOM COI AT UTM WH199435.

TWO ADMINISTRATION BUILDINGS AND 2 STORAGE/SUPPORT  
BUILDINGS REMAIN. ALL OTHER BUILDINGS HAVE BEEN  
DESTROYED.

VINH YEN MILITARY INSTALLATION VN 2119N 10536E NO COMRX  
0.5 NM NNE OF VINH YEN.

INSTALLATION CONSISTS OF 2 ADJACENT FENCED AREAS.  
AREA A -- 4 STORAGE BUILDINGS REMAIN.

25X1

25X1

25X1

25X1

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AREA B -- 8 BARRACKS/STORAGE BUILDINGS AND 5 SUPPORT BUILDINGS. A PARTIALLY FENCED VEHICLE PARK IS ACROSS THE ROAD FROM THIS AREA. NO VEHICLES OBSERVED.

[REDACTED]  
VINH YEN AMMUNITION DEPOT VN 2118N 10538E NO COMRX  
2 NM EAST OF VINH YEN AT UTM WJ658561.  
INSTALLATION CONTAINS 22 SECURED AND REVETTED AMMUNITION STORAGE BUILDINGS, 4 POSSIBLE CHEMICAL/EXPLOSIVES STORAGE BUILDINGS, AND SEVERAL SUPPORT BUILDINGS. UNIDENTIFIED CONSTRUCTION ACTIVITY IS OBSERVED ADJACENT TO THE POSSIBLE CHEMICAL/EXPLOSIVES STORAGE BUILDINGS.

[REDACTED]  
YU-LIN ARMY BARRACKS NORTHEAST CH 1820N 10937E NO COMRX  
7.4 NM NE OF YU-LIN.  
MILITARY INSTALLATION CONSISTS OF 3 AREAS.  
AREA A 018-19N 109-37E -- 6 BARRACKS, 1 ADMINISTRATION BUILDING, 5 MESSHALLS, AND 6 SUPPORT BUILDINGS.  
AREA B 018-20N 109-37E -- 33 BARRACKS, 1 MULTISTORY ADMINISTRATION BUILDING, AND 17 SUPPORT BUILDINGS.  
AREA C 018-21N 109-37E -- 17 PROBABLE BARRACKS, 1 ADMINISTRATION BUILDING, AND 9 PROBABLE SUPPORT BUILDINGS.  
OB -- 6 CARGO TRUCKS.

[REDACTED]  
HO-KOU VEHICLE PARKS CH 2232N 10356E NO COMRX  
OB -- 15 TRUCKS.

[REDACTED]  
TENG-CHIAO MILITARY ACTIVITY CH 1823N 10950E NO COMRX  
5.5 NM SE OF TENG-CHIAO.  
ACTIVITY CONSISTS OF 4 BARRACKS AREAS.  
AREA A 018-23N 109-49E -- 6 BARRACKS, 1 ADMINISTRATION BUILDING, AND 1 SUPPORT BUILDING. SOUTH OF AREA A ARE 2 UNOCCUPIED PROBABLE CD POSITIONS.  
AREA B 018-23N 109-49E -- PARTIALLY DISMANTLED. BARRACKS AREA CONTAINS 2 BARRACKS, 1 ADMINISTRATION BUILDING, 1 SUPPORT BUILDING, AND 8 BUILDING FOUNDATIONS. THREE STORAGE BUILDINGS AND 3 CAVE ENTRANCES ARE IMMEDIATELY SOUTH OF AREA B.  
AREA C 018-23N 109-50E -- 2 BARRACKS AND 3 SUPPORT BUILDINGS.  
AREA D 018-22N 109-50E -- 6 BARRACKS, 1 ADMINISTRATION BUILDING, AND 1 SUPPORT BUILDING PARTIALLY SURROUNDED BY TRENCHES.

[REDACTED]  
TUNG-HAI-TAN ARMY BARRACKS - STORAGE AREA CH 1906N 10839E NO COMRX  
IDENTIFICATION ONLY.

[REDACTED]  
LING-TOU ARMY BARRACKS EAST CH 1841N 10847E NO COMRX  
4.8 NM EAST OF LING-TOU.

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INSTALLATION CONTAINS 33 PROBABLE BARRACKS, 1  
ADMINISTRATION BUILDING, 1 SHAPED  
PROBABLE VEHICLE MAINTENANCE BUILDING.

YU-LIN ARMY BARRACKS NORTH CH 1817N 18933E NO COMRX  
5 NM NNE OF YU-LIN.

AREA CONTAINS 6 BARRACKS, 1 ADMINISTRATION BUILDING, 1  
MESSHALL, AND 12 SUPPORT BUILDINGS.  
OB -- 6 TRUCKS.

YU-LIN BARRACKS AREA CH 1816N 18932E NO COMRX  
2.5 NM NORTH OF YU-LIN.

AREA CONTAINS 1 ADMINISTRATION BUILDING, 4 BARRACKS, 1  
MESSHALL, 3 VEHICLE STORAGE BUILDINGS, AND 4 SUPPORT  
BUILDINGS.

YAI-HSIEN ARMY BARRACKS NORTHEAST CH 1819N 18931E NO COMRX  
6 NM NNE OF YAI-HSIEN.

SECURED AREA CONTAINS 28 BARRACKS, 4 PROBABLE BARRACKS,  
1 POSSIBLE BARRACKS, 11 STORAGE BUILDINGS, 1 POSSIBLE  
STORAGE BUILDING, 1 STORAGE/SUPPORT BUILDING, 4  
ADMINISTRATION BUILDINGS, 4 ADMINISTRATION/SUPPORT  
BUILDINGS, 1 BARRACKS/ADMINISTRATION BUILDING, AND 29  
SUPPORT BUILDINGS.

YU-LIN COASTAL DEFENSE SITE CH 1812N 18932E NO COMRX  
1 NM SE OF YU-LIN.

SITE CONSISTS OF 2 UNOCCUPIED POSITIONS ONE NO

AT 18-12-48N 189-32-10E AND BE NO

AT 18-12-32N 189-32-12E AND A 3D POSSIBLE POSITION

UNDER CONSTRUCTION ALONG A LOOP ROAD. A CAVE ENTRANCE  
IS ADJACENT TO THE SOUTHERNMOST POSITION.

A SUPPORT AREA, 0.5 NM NORTH, CONTAINS AN EARTH-COVERED  
PROBABLE DRIVE-THROUGH BUNKER, 1 BARRACKS, AND 4

SUPPORT BUILDINGS. A POSSIBLE SUPPORT AREA, 0.3 NM

WEST OF THE SITE, CONTAINS 3 PROBABLE BARRACKS AND 4

SMALL SUPPORT BUILDINGS.

ACTIVITY -- 1 OCCUPIED 8-GUN AAA SITE 0.4 NM WEST OF  
SITE.

BAC NINH ARMY BARRACKS NE DAP CAU VN 2111N 10605E NO COMRX  
1.8 NM NE OF BAC NINH ON SW EDGE OF THI CAU AT UTM  
XJ124438.

BARRACKS AREA CONTAINS 10 MULTISTORY BARRACKS, 1  
WAREHOUSE, 15 STORAGE BUILDINGS, 1 LARGE ADMINISTRATION  
BUILDINGS, 4 SUPPORT BUILDINGS, AND 15 SMALL BUILDINGS.  
TWELVE EXPLOSIVES STORAGE REVETMENTS AND 10 ADDITIONAL  
REKETMENTS ARE OBSERVED IN VARIOUS STAGES OF  
DETERIORATION. NO EQUIPMENT OR VEHICLES OBSERVED.

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LANG-VEN MAN CO SITE CH 1812N 18932E NO COMRX

1.2 NM SSE OF YA-LUNG.

SITE CONSISTS OF 4 POSITIONS SITUATED ON A HILLSIDE WITH UNDERGROUND ENTRANCES BEHIND EACH POSITION. SITE APPEARS TO BE COMPLETE AND OPERATIONAL. A SUPPORT AREA WITH 6 BUILDINGS IS IMMEDIATELY NORTH. OB -- 2 POSSIBLE LIGHT AAA GUNS.

[REDACTED]  
SON TAY ARMY BARRACKS SW TONG VN 2107N 10528E NO COMRX  
IDENTIFICATION ONLY.

[REDACTED]  
MY KHE MILITARY AREAS VN 2120N 10541E NO COMRX  
IDENTIFICATION ONLY.

[REDACTED]  
THAI NGUYEN BARRACKS AREA NE VN 2137N 10552E NO COMRX  
IDENTIFICATION ONLY.

[REDACTED]  
SON DONG ARMY BARRACKS AND SCHOOL VN 2103N 10531E NO COMRX  
IDENTIFICATION ONLY.

[REDACTED]  
YEN SO BARRACKS AREA VN 2102N 10540E NO COMRX  
IDENTIFICATION ONLY.

[REDACTED]  
CHU NGUYEN MILITARY CAMPS VN 2121N 10616E NO COMRX  
IDENTIFICATION ONLY.

[REDACTED]  
CAPE LO COASTAL DEFENSES VN 1028N 10556E NO COMRX  
IDENTIFICATION ONLY.

[REDACTED]  
PHUC DUC ARMY BARRACKS VN 2121N 10521E NO COMRX  
IDENTIFICATION ONLY.

[REDACTED]  
XOM CHAN DA MILITARY INSTALLATION VN 2109N 10511E NO COMRX  
IDENTIFICATION ONLY.

[REDACTED]  
CAM DAI ARMY BARRACKS VN 2108N 10522E NO COMRX  
IDENTIFICATION ONLY.

[REDACTED]  
KIM LANG ARMY BARRACKS VN 2132N 10512E NO COMRX  
IDENTIFICATION ONLY.

[REDACTED]  
DAO GIA PROB BARRACKS - STORAGE AREA VN 2131N 10507E NO COMRX  
IDENTIFICATION ONLY.

[REDACTED]  
SON TAY ARMY BARRACKS SW TONG VN 2107N 10528E NO COMRX  
IDENTIFICATION ONLY.

[REDACTED]  
XOM DINH MILITARY INSTALLATION VN 2057N 10517E NO COMRX  
IDENTIFICATION ONLY.

[REDACTED]  
SON DONG ARMY BARRACKS AND SCHOOL VN 2103N 10531E NO COMRX  
IDENTIFICATION ONLY.



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SON DUNG MILITARY BARRACKS SW VN 218N 1052E NO COMRX  
IDENTIFICATION ONLY.

XUAN MAI ARMY BARRACKS SSW VN 2053N 10534E NO COMRX  
IDENTIFICATION ONLY.

DONG BAI SUPPLY DEPOT VN 2052N 10530E NO COMRX  
IDENTIFICATION ONLY.

XOM BUN STORAGE AREA VN 2053N 10522E NO COMRX  
IDENTIFICATION ONLY.

XOM MAN MILITARY CAMP VN 2042N 10519E NO COMRX  
IDENTIFICATION ONLY.

LANG NHON BARRACKS AREA VN 2225N 10400E NO COMRX  
IDENTIFICATION ONLY.

NHAM XA PROBABLE REST AND REFUEL AREA VN 1830N 10543E NO COMRX  
IDENTIFICATION ONLY.

VINH VEHICLE PARK VN 1840N 10543E NO COMRX  
IDENTIFICATION ONLY.

VINH ARMY BARRACKS NNE VN 1844N 10541E NO COMRX  
IDENTIFICATION ONLY.

THU LONG BARRACKS VN 1840N 10542E NO COMRX  
IDENTIFICATION ONLY.

THAI NGUYEN BARRACKS AREA NE VN 2137N 10552E NO COMRX  
IDENTIFICATION ONLY.

LANG QUAN PROBABLE MILITARY CAMP VN 2215N 10448E NO COMRX  
IDENTIFICATION ONLY.

SAM SON ARMY BARRACKS VN 1944N 10554E NO COMRX  
IDENTIFICATION ONLY.

NAM DINH MILITARY CAMP VN 2025N 10611E NO COMRX  
IDENTIFICATION ONLY.

SAM SON ARMY BARRACKS WEST VN 1944N 10552E NO COMRX  
2 NM NW OF SAM SON AT UTM WG91383.  
ONLY 1 SUPPORT BUILDING REMAINS.

XOM DONG XUONG MILITARY INSTALLATION VN 2059N 10516E NO COMRX  
1.1 NM EAST OF XOM DONG.

INSTALLATION CONSISTS OF 2 AREAS CONNECTED BY ROAD.  
AREA A UTM WJ290210N -- 11 LARGE BUILDINGS AND

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

**NUMEROUS SMALL BUILDINGS.**

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AREA B OUTM WJ899216N -- 1 LARGE BUILDING. A FIFTH BUILDING APPEARS TO HAVE BEEN DISMANTLED.

VAN DIEN ARMY SUPPLY DEPOT VN 2355N 10551E NO COMRX  
0.8 NM SOUTH OF VAN DIEN AT UTM WJ883154.

COMPLEX CONSISTS OF 2 BARRACKS AREAS, 3 BARRACKS AND STORAGE AREAS, AND 1 STORAGE AREA.

AREA A OUTM WJ880156N -- STORAGE AREA HAS BEEN DESTROYED.

AREA B OUTM WJ883154N -- BARRACKS AREA CONTAINS 4 BARRACKS, 1 ADMINISTRATION BUILDING, AND 3 SUPPORT BUILDINGS.

AREA C OUTM WJ880152N -- BARRACKS AND STORAGE AREA CONTAINS 15 BARRACKS, 1 ADMINISTRATION BUILDING, 1 MESSHALL, AND 36 STORAGE/SUPPORT BUILDINGS 012 HAVE BEEN DESTROYED.

AREA D OUTM WJ882146N -- BARRACKS AREA CONTAINS 20 BARRACKS, 3 MULTISTORY ADMINISTRATION BUILDINGS ONE E-SHAPED, AND 1 LARGE STORAGE BUILDING.

AREA E OUTM WJ885148N -- BARRACKS AND STORAGE AREA CONTAINS 9 BARRACKS, 1 ADMINISTRATION BUILDING, 1 MESSHALL, 19 LARGE STORAGE BUILDINGS 04 PARTIALLY DESTROYED, AND 10 SUPPORT BUILDINGS.

AREA F OUTM WJ883143N -- BARRACKS AND STORAGE AREA CONTAINS 5 BARRACKS, 43 STORAGE BUILDINGS 010 DESTROYED, AND 10 SUPPORT BUILDINGS.

SAVANNAKHET MAINTENANCE - REPAIR DEPOT LA 1632N 10446E NO COMRX  
SE EDGE OF SAVANNAKHET.

SECURED DEPOT, APPROXIMATELY 2,800 FT SQ, CONTAINS 1 LARGE BUILDING, 5 MEDIUM BUILDINGS, AND 3 SMALL BUILDINGS WITH MONITOR ROOFS, 1 LARGE GABLE-ROOFED WAREHOUSE-TYPE BUILDING, 11 MEDIUM GABLE-ROOFED BUILDINGS, AND 30 OTHER BUILDINGS.  
ACTIVITY -- AT LEAST 100 VEHICLES.

SENO MILITARY INSTALLATION EAST LA 1641N 10503E NO COMRX  
2 NM ENE OF THE RUNWAY INTERSECTION AT SENO AIRFIELD.  
SECURED AREA CONTAINS 5 PROBABLE BARRACKS, 1 T-SHAPED PROBABLE ADMINISTRATION BUILDING, 6 PROBABLE STORAGE BUILDINGS, 6 OTHER BUILDINGS, AND 2 ANTENNA MASTS.

PHONG SALLY BARRACKS AREA LA 2141N 10206E NO COMRX  
0.1 NM NORTH OF PHONG SALLY.  
SMALL PROBABLE MILITARY AREA CONTAINS 3 BARRACKS AND 8 STORAGE/SUPPORT BUILDINGS.

HAI PHONG AMMUNITION DEPOT KIEN AN SW PUG VN 1848N 10638E NO COMRX

3.8 NM SW OF HAI PHONG AND 1.5 NM ENE OF THE HAI PHONG KIEN AN AIRFIELD.

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AREA HAS BEEN EXTENSIVELY CRATERED. NUMEROUS REVETTED  
STORAGE BUILDINGS AND SUPPORT BUILDINGS HAVE BEEN  
DESTROYED AND OTHERS HAVE BEEN DAMAGED. THE AREA DOES  
NOT APPEAR TO BE IN USE.

HAI PHONG ORDNANCE DEPOT KIEN AN VN 2048N 10638E NO COMRX  
0.7 NM SE OF HAIPHONG/KIEN AN AIRFIELD AT UTM XJ688805.  
AREA CONTAINS APPROXIMATELY 80 AMMUNITION STORAGE  
REVTMENTS ALONG A LOOP ROAD NETWORK. APPROXIMATELY 18  
BUILDINGS HAVE BEEN RAZED. FIFTEEN SMALL SUPPORT  
BUILDINGS REMAIN INTACT. AREA DOES NOT APPEAR TO BE IN  
CURRENT USE AS A STORAGE DEPOT.

HUNG VI MILITARY STORAGE AREA VN 2113N 10512E NO COMRX  
0.8 NM SSE OF HUNG VI AT UTM WJ211464.  
AREA CONSISTS OF AT LEAST 50 STORAGE BUILDINGS AND  
SEVERAL SUPPORT BUILDINGS.

LANG MO BARRACKS AREA VN 2045N 10517E NO COMRX  
0.5 NM SE OF LANG MO AT UTM WH300949.  
TWO BARRACKS AREAS CONTAIN A TOTAL OF 16 BARRACKS, 07  
DESTROYED, 6 ADMINISTRATION BUILDINGS, 7 STORAGE  
BUILDINGS, 2 MESSHALLS, AND 13 OTHER BUILDINGS. A  
PROBABLE TRAINING AREA IS OBSERVED ON THE NE EDGE OF  
THE NORTHERN BARRACKS AREA.

LAI CHAU MILITARY AREA VN 2204N 10309E NO COMRX  
SOUTHERN EDGE OF LAI CHAU AT UTM UK106414.  
SEVEN ADMINISTRATION BUILDINGS, 13 BARRACKS, 5 STORAGE  
BUILDINGS, AND 24 SUPPORT BUILDINGS REMAIN IN THE AREA.

HUNG NHI MILITARY BARRACKS VN 2113N 10512E NO COMRX  
0.6 NM EAST OF HUNG NHI AT UTM WJ210464.  
AREA CONTAINS 8 BARRACKS, 1 ADMINISTRATION BUILDING, 5  
STORAGE BUILDINGS, 20 SUPPORT BUILDINGS, AND EXTENSIVE  
TREACHING.

XOM BAI MILITARY AREA NORTH VN 2118N 10515E NO COMRX  
0.9 NM NW OF XOM BAI AT UTM WJ260567.  
PARTIALLY SECURED CAMP CONTAINS 4 BARRACKS, 1  
ADMINISTRATION BUILDING, 8 STORAGE BUILDINGS, 2  
REVTED STORAGE BUILDINGS, 2 MESSHALLS, 1 MAINTENANCE  
BUILDING, 15 OTHER BUILDINGS, AND 3 SERVICING PITS.

XOM BAI ARMY BARRACKS NE THACH SON VN 2121N 10517E NO COMRX  
0.9 NM NNE AT UTM WJ309613.  
INSTALLATION CONTAINS 29 BARRACKS, 5 POSSIBLE  
ADMINISTRATION BUILDINGS, 12 PROBABLE STORAGE  
BUILDINGS, 2 LARGE MESSHALLS, AND APPROXIMATELY 30  
SUPPORT BUILDINGS.

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EXTENSIVE TRENCHING FACILITIES ARE 1.3 NM ESE AT

UTM WJ332612.

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VINH DAI VEHICLE DISPERSAL AREA VN 2106N 10624E NO COMRX  
IMMEDIATELY SW OF VINH DAI AT UTM XJ467340.  
AREA CONSISTS OF 24 VEHICLE REVETMENTS AND 1 BUNKER.  
NO ACTIVITY OBSERVED.

MAT SON BARRACKS AREA VN 2106N 10623E NO COMRX  
0.8 NM NE OF MAT SON ON NW SIDE OF ROUTE 18 AT UTM  
XJ446347.

SECURED AREA, ADJACENT TO HAI PHONG SAM SITE C32-2,  
CONTAINS 8 BARRACKS, 1 ADMINISTRATION BUILDING, AND 5  
SUPPORT BUILDINGS.

LANG SAT PROBABLE MILITARY AREA VN 2005N 10522E NO COMRX  
PROBABLE MILITARY CAMP CONTAINS 3 BARRACKS AREAS.

AREA A 0.5 NM NE OF LANG SAT AT UTM WH394218N -- 1

BARRACKS, 1 ADMINISTRATION BUILDING, AND 5  
STORAGE/SUPPORT BUILDINGS.

AREA B 0.4 NM SSW OF LANG SAT AT UTM WH389212N -- 3

BARRACKS, 1 ADMINISTRATION BUILDING, 1 VEHICLE  
MAINTENANCE BUILDING AND 3 STORAGE/SUPPORT BUILDINGS.

AREA C 0.5 NM SOUTH OF LANG SAT AT UTM WH392210N -- 7

BARRACKS, 1 ADMINISTRATION BUILDING, AND 3  
STORAGE/SUPPORT BUILDINGS. AT LEAST 13 BARRACKS HAVE  
BEEN DISMANTLED.

VINH LINH MILITARY INSTALLATIONS VN 1703N 10701E NO COMRX  
FIVE AREAS REFERENCED FROM VINH LINH.

AREA A 00.8 NM NW AT UTM YD140870N -- BARRACKS AREA HAS  
BEEN ABANDONED AFTER AIR STRIKES. ALL BUILDINGS ARE  
DESTROYED/ABANDONED. APPROXIMATELY 25 PARTIALLY  
DISMANTLED/DESTROYED BUILDINGS REMAIN.

AREA B 00.8 NM NORTH AT UTM YD148883N -- BARRACKS AREA  
HAS BEEN COMPLETELY DESTROYED AND NO BUILDINGS REMAIN.

AREA C 00.3 NM NORTH AT UTM YD151072N -- AREA IS  
ABANDONED AND APPROXIMATELY 60 PARTIALLY  
DESTROYED/DISMANTLED BUILDINGS REMAIN.

AREA D 01.3 NM ESE AT UTM YD174870N -- AREA IS  
ABANDONED AND NO BUILDINGS REMAIN.

AREA E 01.2 NM SE AT UTM YD164854N -- AREA IS ABANDONED  
AND 3 PARTIALLY DESTROYED/DISMANTLED BUILDINGS REMAIN.

HAI PHONG ARMY BARRACKS SE CAT BI VN 2049N 10642E NO COMRX  
2 NM SE OF HAI PHONG.

INSTALLATION CONSISTS OF 3 AREAS IN WHICH NUMEROUS  
BUILDINGS HAVE BEEN DISMANTLED.

AREA A -- 26 BARRACKS AND 15 STORAGE/SUPPORT BUILDINGS  
REMAIN.

AREA B -- PROBABLE HOSPITAL AREA CONTAINS 9  
INTERCONNECTED BUILDINGS. A INTERCONNECTED

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HOSPITAL-TYPE BUILDINGS, 2 ADMINISTRATION BUILDINGS,  
AND 15 STORAGE/SUPPORT BUILDINGS.

AREA C -- 25 STORAGE/SUPPORT BUILDINGS.

HAI PHONG ARMY BARRACKS NORTH VN 2053N 10641E NO COMRX  
2 NM NORTH OF HAI PHONG AT UTM XJ750107.

SECURED AREA CONTAINS 15 BARRACKS, 1 ADMINISTRATION  
BUILDING, 1 MESSHALL, AND 7 SUPPORT BUILDINGS.

HAI PHONG ARMY BARRACKS KIEN AN VN 2049N 10638E NO COMRX  
3.8 NM SW OF HAI PHONG AND 1.5 NM ENE OF HAIPHONG/KIEN  
AN AIRFIELD AT UTM WJ705023.

AREA CONSISTS OF 14 BARRACKS, 2 ADMINISTRATION  
BUILDINGS, AND 14 STORAGE/SUPPORT BUILDINGS.

HAI DUONG BARRACKS WEST VN 2056N 10619E NO COMRX  
1.6 NM WSW OF HAI DUONG AT UTM XJ361153.

INSTALLATION CONSISTS OF 3 SEPARATELY SECURED BARRACKS  
AREAS.

AREA A @WEST -- 8 BARRACKS, 1 ADMINISTRATION BUILDING,  
AND 4 SUPPORT BUILDINGS.

AREA B @CENTRAL -- 11 BARRACKS, 2 ADMINISTRATION  
BUILDINGS, 1 MESSHALL, AND 2 SUPPORT BUILDINGS.

AREA C @EAST -- 6 BARRACKS AND 1 ADMINISTRATION  
BUILDING.

DAI MO ARMY BARRACKS WSW VN 2059N 10543E NO COMRX  
TWO AREAS IN THE VICINITY OF HA NOI.

AREA A @7.3 NM WSW OF HA NOI RAILROAD CLASSIFICATION  
YARD AND 1.3 NM WSW OF DAI MO AT UTM WJ760210 -- 9  
BARRACKS, 25 STORAGE BUILDINGS, AND 16 SUPPORT  
BUILDINGS.

AREA B @4 NM SOUTH OF AREA A -- 4 BARRACKS, 1  
ADMINISTRATION BUILDING, AND SEVERAL SMALL BUILDINGS.

HUNG YEN ARMY BARRACKS VN 2040N 10604E NO COMRX  
1.5 NM NORTH OF HUNG YEN.

TWO FENCED AREAS CONTAIN A TOTAL OF 27 BARRACKS, 2  
ADMINISTRATION BUILDINGS, 2 MESSHALLS, AND 28  
STORAGE/SUPPORT BUILDINGS.

BAC NINH MILITARY AREA VN 2112N 10605E NO COMRX  
2.5 NM NE OF BAC NINH AT UTM XJ135441.

AREA HAS BEEN SUBJECTED TO AIR STRIKE. ELEVEN  
BARRACKS, 9 STORAGE BUILDINGS, 9 ADMINISTRATION  
BUILDINGS, 4 MESSHALLS, AND APPROXIMATELY 10 OTHER  
BUILDINGS REMAIN AND APPEAR TO BE SERVICABLE.

#### COMPLEXES

BAC GIANG COMPLEX VN 2116N 10611E

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COMMERCIAL CENTER ON THE HA NOI/ANG SON RAIL LINE, 2.8

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50 MI IN AREA, CONTAINS A RAILROAD CLASSIFICATION YARD  
HEAVILY DAMAGED BY AIR STRIKES. [REDACTED] BAC GIANG RAILROAD YARD  
AND SHOPS, [REDACTED] 1,600 FT LONG AND 4  
TRACKS WIDE, SEVERAL SMALL INDUSTRIES, MILITARY  
BARRACKS, AND POL STORAGE. BAC GIANG PETROLEUM PRODUCTS  
STORAGE, [REDACTED] NW SECTION OF COMPLEX.  
SEVERELY DAMAGED BY AIR STRIKE.

[REDACTED]  
YEN BAI COMPLEX VN 2141N 10452E [REDACTED]  
OVER 60 BUILDINGS IN THE COMPLEX HAVE BEEN DESTROYED.  
THIS COMPRISES OVER 90 PERCENT OF THE COMPLEX.  
RAILYARD HAS BEEN INTERDICTED AND ALL LINES HAVE BEEN  
CUT. NO BY-PASSES ARE DISCERNIBLE.

[REDACTED]  
HAI PHONG RR STATION CLASS YD - SHOPS VN 2051N 10641E [REDACTED]  
CENTER OF HAI PHONG.  
YARD 7 TRACKS WIDE AND 2,100 FT LONG CONTAINS A  
RAILROAD STATION, REPAIR FACILITIES, AND A TURNING WYE.  
ACTIVITY -- 30 UNIDENTIFIED PIECES OF ROLLING STOCK.

[REDACTED]  
YEN VIEN RR CLASSIFICATION YARD VN 2105N 10555E [REDACTED]  
0.4 NM EAST OF YEN VIEN AT UTM WJ055315.  
RAILROAD CLASSIFICATION YARD CONTAINS 12 SERVICEABLE  
TRACKS.  
SIXTY-FIVE PIECES OF ROLLING STOCK OBSERVED.

[REDACTED]  
BAN THACH HYDROELECTRIC POWERPLANT VN 1954N 10531E NO COMRX  
ON CANAL, APPROXIMATELY 1.5 NM WEST OF DONG NAI AT UTM  
WH555012.

SMALL HYDROELECTRIC POWERPLANT CONTAINS A SMALL  
GENERATOR/TURBINE HOUSE AND A SMALL TRANSFORMER HOUSE.  
A POWERLINE EXTENDS SE FROM THE PLANT.

[REDACTED]  
BAI THUONG DAM VN 1953N 10523E NO COMRX  
SOUTH EDGE OF BAI THUONG AT UTM WG411999.  
CONCRETE DAM ACROSS THE SONG CHA RIVER AT BAI THUONG IS  
USED PRIMARILY FOR IRRIGATION.

[REDACTED]  
PHONG SALLY COMPLEX LA 2141N 10206E NO COMRX  
PROVINCIAL HEADQUARTERS APPROXIMATELY 30 MILES FROM THE  
CHINESE BORDER. NO INDUSTRIAL OR COMMERCIAL ACTIVITY  
OBSERVED IN CLOUD-FREE AREAS.

[REDACTED]  
LANG NHON U/I CONSTRUCTION VN 2224N 10401E NO COMRX  
NO APPARENT CHANGE SINCE [REDACTED]

[REDACTED]  
LANG KE HONG AREA ROAD U/C VN 2033N 10501E NO COMRX  
CONSTRUCTION CONTINUES ON ROAD, SERVICEABILITY  
UNDETERMINED.



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SAN DINH HIGHWAY BRIDGE OVER SONG CHAO DAC VN 1824N 10543E NO COMRX  
BRIDGE IS DESTROYED. A SMALL BY-PASS BRIDGE HAS BEEN  
CONSTRUCTED IMMEDIATELY NORTH.

THAI NGUYEN IRON AND STEEL COMBINE VN 2133N 10552E NO COMRX  
2 NM SSE OF THAI NGUYEN.

COMBINE IS SERVED BY ROUTE 3 AND THE KEP/THAI NGUYEN  
AND HA NOI/THAI NGUYEN RAIL LINES.

IRON AND STEEL COMBINE HAS BEEN SUBJECTED TO AIR  
STRIKE, DAMAGE ASSESSMENT TO COMPONENTS OF THE COMBINE  
IS AS FOLLOWS.

AREA A WESTERN SECTION OF COMBINE -- WAREHOUSE AND  
TRANSHIPMENT AREA CONTAINS 28 LARGE MONITOR-ROOFED  
WAREHOUSES 07 DESTROYED, 2 SEVERELY DAMAGED, 6  
SUPERFICIALLY DAMAGED, 5 UNDAMAGED, 9 SMALLER STORAGE  
BUILDINGS 06 DESTROYED, 3 DAMAGED, AND 2 REVETTED  
BUILDINGS UNDAMAGED.

AREA B SW SECTION OF COMBINE -- REFRACTORY BRICK AREA  
CONTAINS 1 LONG MONITOR-ROOFED BUILDING WITH 3 STACKS  
AND CONNECTED TO 3 SMALLER BUILDINGS BY A CONVEYOR  
SYSTEM MODERATELY DAMAGED, 1 PROBABLE ORE PROCESSING  
BUILDING WEST OF THE BRICK PLANT DAMAGED, 1  
PROCESSING BUILDING NORTH OF THE BRICK PLANT  
MODERATELY DAMAGED, AND 8 SMALLER SUPPORT BUILDINGS  
02 DESTROYED, 1 SUPERFICIALLY DAMAGED, 5 UNDAMAGED. A  
RAILWAY CAR AND LOCOMOTIVE REPAIR FACILITY IMMEDIATELY  
SOUTH OF THE BRICK PLANT CONTAINS 3 LARGE BUILDINGS 02  
WITH MONITOR ROOFS, ONE OF WHICH IS MODERATELY  
DAMAGED.

AREA C SOUTH-CENTRAL AREA OF COMBINE --  
FOUNDRY/FABRICATION AND ADMINISTRATION AREA CONTAINS 7  
FOUNDRY/FABRICATION BUILDINGS, 3 WITH MONITOR ROOFS 02  
BUILDINGS DESTROYED, 1 SEVERELY DAMAGED, 1  
SUPERFICIALLY DAMAGED, 3 UNDAMAGED, A REVETTED  
TERMINAL SUBSTATION, 3 MULTI-WING ADMINISTRATION  
BUILDINGS 01 DISMANTLED, 1 WITH WEST WING DAMAGED, 12  
SUPPORT BUILDINGS 09 DESTROYED/SEVERELY DAMAGED, AND A  
WATER TOWER DESTROYED.

AREA D SSE SECTION OF COMBINE -- ROLLING MILL UNDER  
CONSTRUCTION CONTAINS 1 LARGE MONITOR-ROOFED BUILDING  
UNDER CONSTRUCTION SEVERELY DAMAGED AND 9 SMALL  
SUPPORT BUILDINGS 04 DESTROYED, 5 DAMAGED.

AREA E ONE SECTION OF COMBINE -- BLAST FURNACE/OPEN  
HEARTH AREA CONTAINS 1 OPEN HEARTH FURNACE BUILDING  
MODERATELY DAMAGED WITH 2 STACKS, 1 STEAM PLANT WITH  
SEVERELY DAMAGED BOILER AREA, 1 COMPRESSOR BUILDING  
UNDER CONSTRUCTION SEVERELY DAMAGED, 1 RAIL-SERVED

MONITOR-ROOFED PROBABLE STRIPPING AND INGOT STORAGE  
BUILDING, 3 BLAST FURNACES, EASTERN FURNACE PROBABLY  
DAMAGED AND EASTERN CASTING SHED DAMAGED, CENTRAL AND

25X1

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WESTERN FURNACE UNITS PROBABLY UNDAMAGED; AIR PIPES FROM FURNACES TO PRECIPITATORS SEVERELY DAMAGED; A SHIP HOIST FROM THE CENTRAL FURNACE DESTROYED; A STOCK TRESSLE BUILDING SEVERELY DAMAGED OPPOSITE THE CENTRAL FURNACE; AND 20 SUPPORT BUILDINGS 05 DESTROYED, 3 DAMAGED, 12 UNDAMAGED.

AREA F NORTH-CENTRAL SECTION OF COMBINE -- COAL AND LIMESTONE PREPARATION AREA CONTAINS A LARGE RAIL-SERVED OPEN COAL AND ORE STORAGE AREA, 1 COKE OVEN BATTERY, A CONVEYOR-SERVED ORE SENTERING/PREPARATION PLANT WITH 1 LARGE RAIL-SERVED BUILDING WESTERN EXTENSION SEVERELY DAMAGED; A COKE BY-PRODUCTS PLANT, 6 STORAGE TANKS DESTROYED, 3 SMALL PROCESSING BUILDINGS DESTROYED, AT LEAST 12 SUPPORT BUILDINGS DESTROYED, COVERED CONVEYOR SYSTEMS AND AN OVERHEAD ORE PIPELINE BOTH INTERDICTED IN NUMEROUS AREAS, AND A COAL TREATMENT BUILDING IN THE SOUTHERN PART OF THE COAL STORAGE AREA DAMAGED.

A WATER TREATMENT AREA NORTH OF THE COMBINE CONTAINS A WATER SETTLING POND, A WATER STORAGE TANK, 2 UNDERGROUND TANKS, 4 ASSOCIATED BUILDINGS 01 REVETTED, AND A PUMPHOUSE ON THE SOUTH BANK OF THE SONG CAN. A PROBABLE WOOD PRODUCTS AREA NE OF THE COMBINE CONTAINS 9 LARGE WAREHOUSES, 10 SMALL STORAGE/SUPPORT BUILDINGS, 1 SMALL REVETTED PROBABLE TRANSFORMER BUILDING AND AN OPEN STORAGE YARD.

[REDACTED]  
THUONG CAT PETROLEUM PRODUCTS STORAGE VN 2105N 10545E NO COMRX  
POL TANKS PREVIOUSLY OBSERVED IN THE BOATYARD ARE NO LONGER VISIBLE.

[REDACTED]  
HA NOI STORAGE AREA GIA THUONG VN 2103N 10553E NO COMRX  
4.5 NM NE OF HA NOI RAILROAD CLASSIFICATION YARD AT UTM WJ930295.

WALLED MAIN DEPOT AREA QHA NOI ARMY SUPPLY DEPOT NE THUONG CAT: [REDACTED] CONSISTS OF AN OPEN STORAGE AREA, 5 LARGE WAREHOUSES, 6 SMALL VENTILATED BUILDINGS, 2 VEHICLE MAINTENANCE SHEDS, 1 LARGE TRANSSHIPMENT BUILDING, 39 SUPPORT BUILDINGS, 33 GABLE-ROOFED STORAGE BUILDINGS 04 LARGE, AND 5 MONITOR-ROOFED STORAGE BUILDINGS. A RAIL BY-PASS FROM THE HA NOI/PING-HSIANG RAIL LINE TERMINATES IN 2 DEAD HEADS AT A RAIL-TO-ROAD TRANSSHIPMENT POINT IN AN OPEN STORAGE AREA.

[REDACTED]  
HA NOI PETROLEUM PRODUCTS STORAGE THANH AMVN 2104N 10553E NO COMRX  
3.7 NM NE OF HA NOI AT UTM WJ932294.  
ALL TANKS HAVE BEEN DESTROYED/DISMANTLED. THE FACILITY APPEARS TO BE ABANDONED. TWELVE RAIL CARS OBSERVED ON THE RAIL SPUR OUTSIDE THE POL AREA.

HA GIA PET PRODUCTS STORAGE SSW UG VN 2116N 10550E NO COMRX  
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RAIL AND ROAD SERVED FACILITY CONTAINS 7 UNDA-  
PARTIALLY BURIED CYLINDRICAL STORAGE TANKS, 2 PARTIALLY  
BURIED CYLINDRICAL TANKS WITH SEVERE ROOF DAMAGE, AND 8  
BUNKERED CYLINDRICAL TANKS 01 POSSIBLY DAMAGED. THE  
RAIL SPUR SERVING THE FACILITY HAS BEEN SUBJECTED TO  
AIR STRIKE, 5 BUILDINGS ARE DAMAGED OR DESTROYED AND  
RAILS ARE DISRUPTED.

THAI NGUYEN COMPLEX VN 2135N 10551E NO COMRX  
SMALL RESIDENTIAL COMPLEX APPROXIMATELY 1 SQ MI IN  
AREA, ON THE KAU RIVER, CONTAINS NO INDUSTRIES. LIGHT  
BOMB DAMAGE OBSERVED AT THE SOUTH END OF THE BRIDGE.

NGUYEN KHE STORAGE AREA TOWN VN 2109N 10551E NO COMRX  
1 NM SOUTH OF NGUYEN KHE AT UTM WJ886395.  
ENTIRE RAILYARD HAS BEEN SUBJECTED TO SATURATION  
BOMBING. ALL BUILDINGS ARE DESTROYED AND RAIL SPURS  
APPEAR TO BE UNSERVICEABLE. SEVERAL PILLS OF PIPE OR  
POLE SECTIONS ARE STORED IN A CLEARED AREA IN THE  
CENTER OF THE YARD.

HA DONG SWITCHING STATION/TRANSFORMER YARD VN 2057N 10545E NO COMRX  
1.3 NM SW OF HA DONG AND 0.3 NM N. OF VAN LA AT UTM  
WJ793175.  
INSTALLATION UNDER CONSTRUCTION IS FENCE SECURED AND  
CONTAINS 1 PROBABLE SWITCHING HOUSE, 4 SUPPORT  
BUILDINGS AND 2 TRANSFORMER YARDS.

NGUYEN KHE PETROLEUM PRODUCTS STORAGE VN 2110N 10551E NO COMRX  
ENTIRE STORAGE AREA IS DESTROYED/DISMANTLED. AREA  
APPEARS TO BE ABANDONED, NO ACTIVITY DISCERNIBLE.

HA GIA PET PRODUCTS STORAGE SSW UG VN 2116N 10550E NO COMRX  
3.5 NM NORTH OF PHUC YEN AIRFIELD AT UTM WJ869516.  
ROAD AND RAIL SERVED FACILITY CONTAINS 8 PARTIALLY  
BURIED CYLINDRICAL TANKS 01 WITH SEVERE ROOF DAMAGE  
AND 8 BUNKERED CYLINDRICAL TANKS 01 POSSIBLY DAMAGED.  
THE RAIL SPUR SERVING THE FACILITY HAS BEEN REPAIRED.

HA NOI MV REPAIR AND REASSEMBLY PLANT VN 2059N 10548E NO COMRX  
IMMEDIATELY SOUTH OF THUONG DINH AND 2.9 NM SW OF HA  
NOI AT UTM WJ847219.  
VEHICLE MAINTENANCE AREA CONTAINS 1 LARGE AND 7 MEDIUM  
VEHICLE MAINTENANCE BUILDINGS, 1 LARGE, 7 MEDIUM, AND  
11 SMALL STORAGE BUILDINGS, 3 BARRACKS, 1  
ADMINISTRATION BUILDING, 1 MESSHALL, 10 SUPPORT  
BUILDINGS, AND 8 OTHER BUILDINGS. LIGHT VEHICLE TRACK  
ACTIVITY OBSERVED.

HA NOI PET PRODUCTS STGE UG THANH LIET VN 2058N 10549E NO COMRX  
APPROVED FOR RELEASE 2000/11/09 : CIA-RDP78B03817A000800020035-7  
HA NOI WEST OF THANH LIET. POL TANKS ARE NOT OBSERVED,  
HOWEVER, TRACK ACTIVITY IN AND AROUND THE POL STORAGE  
AREA INDICATES THAT IT IS STILL IN OPERATION.

HA NOI RUBBER PRODUCTS PLANT VN 2058N 10548E NO COMRX  
SW EDGE OF HA NOI, 3 NM NE OF HA DONG AT UTM WJB46215.  
PLANT CONSISTS OF A PARTIALLY FENCED AREA CONTAINING 3  
PROCESSING/FABRICATION BUILDINGS, 1 ADMINISTRATION  
BUILDING, 2 POWERPLANTS, 22 STORAGE/SUPPORT BUILDINGS,  
AND 5 CHEMICAL TANKS.

TUY LOC DAM VN 1811N 10603E NO COMRX  
1 NM SW OF THUONG LOC.  
DAM CONSTRUCTION IS NOW COMPLETE AND THE RESERVOIR IS  
FULL OF WATER.  
BARRACKS AREAS IMMEDIATELY NE AND NW HAVE APPARENTLY  
BEEN DISMANTLED.

XOM GIA HIGHWAY BRIDGE OVER SONG GIA VN 1825N 10548E NO COMRX  
2.2 NM SE OF YEN VINH AT UTM WF853364.  
BRIDGE IS UNSERVICEABLE. ONE OF 3 BY-PASS BRIDGES IS  
SERVICEABLE.

HON MATT ISLAND VN 1847N 10557E NO COMRX  
NO MILITARY ACTIVITY OBSERVED.

LANG NHON RAILROAD YARD VN 2224N 10401E NO COMRX  
EAST EDGE OF LANG NHON AT UTM UK908788.  
RAILYARD CONTAINS 6 TRACKS AND A TURNING WYE AT THE  
NORTH END. TWO RAIL CARS OBSERVED.

CU VAN PETROLEUM PRODUCTS STORAGE VN 2137N 10543E NO COMRX  
1.2 NM SW OF CU VAN AT UTM WJ750907.  
NUMEROUS POL TANKS ARE UNCOVERED AND THE EXTENSIVE  
ACTIVITY INDICATES THAT THE POL TANKS ARE APPARENTLY  
BEING REMOVED FROM THE STORAGE AREA.

LAO CAI STORAGE AREAS VN 2238N 10359E NO COMRX  
1 NM NE OF LAO CAI.  
AT LEAST 7 SMALL STORAGE AREAS ARE VISIBLE ALONG THE  
ROAD LEADING NE FROM LAO CAI. AT LEAST 40 STORAGE  
BUILDINGS AND 6 SUPPORT BUILDINGS OBSERVED.

VINH RAILROAD CLASSIFICATION YARD NW VN 1841N 10548E NO COMRX  
1.2 NM NNW OF VINH.  
YARD HAS BEEN SUBJECTED TO AIR STRIKE, AND NUMEROUS  
BOMB CRATERS ARE OBSERVED IN THE IMMEDIATE AREA.  
HEAVILY DAMAGED FACILITIES DO NOT APPEAR TO BE  
SERVICEABLE.

VINH COMPLEX VN 1848N 10541E NO COMRX  
COMPLEX HAS BEEN SUBJECTED TO AIR STRIKE. ALL MILITARY  
INSTALLATIONS, PORT FACILITIES, AND INDUSTRIES APPEAR  
TO BE DESTROYED AND ABANDONED.

[REDACTED]  
YEN THAI RAILROAD BRIDGE OVER SONG CA VN 1835N 10537E NO COMRX  
5.4 NM SW OF VINH ON THE SONG CA RIVER.  
APPROACHES AND 6 PIERS ARE IN PLACE. NO EVIDENCE OF  
CONTINUING CONSTRUCTION ACTIVITY OBSERVED.

[REDACTED]  
HO-KOU STORAGE AREA CH 2234N 10354E NO COMRX  
5.5 NM NW OF HO-KOU.  
ROAD-SERVED STORAGE AREA CONSISTS OF 21 STORAGE/SUPPORT  
BUILDINGS.

[REDACTED]  
LIU-TIAO-PAN RAILROAD YARDS AND SHOPS CH 2231N 10488E NO COMRX  
IN LIU-TIAO-PAN.  
RAILYARD IS 7 TRACKS WIDE AND HAS A TURNING WYE ON THE  
WEST EDGE. SEVERAL STORAGE BUILDINGS ARE LOCATED ALONG  
THE EAST SIDE OF THE YARD. A LARGE TRANSSHIPMENT  
BUILDING IS LOCATED ALONG THE TURNING WYE.  
ACTIVITY -- 6 PIECES OF ROLLING STOCK.

[REDACTED]  
TUNG-FANG HYDRO POWERPLANT LOKOSHING CH 1982N 10859E NO COMRX  
IDENTIFICATION ONLY.

[REDACTED]  
LAO-YANG-TIEN THERMAL POWERPLANT CH 1913N 10855E NO COMRX  
IDENTIFICATION ONLY.

[REDACTED]  
LAO-YANG-TIEN CEMENT PLANT CH 1914N 10856E NO COMRX  
IDENTIFICATION ONLY.

[REDACTED]  
NA-FA-TUI-HSUN POSS POL REDISTRIBUTION PT CH 2237N 10308E NO COMRX  
IDENTIFICATION ONLY.

[REDACTED]  
TUNG-HAI-TAN SUPPLY STORAGE AREA CH 1986N 10838E NO COMRX  
IDENTIFICATION ONLY.

[REDACTED]  
TIEN-TU-TSUN STORAGE AREAS CH 1818N 10937E NO COMRX  
IDENTIFICATION ONLY.

[REDACTED]  
THAP THUAN EXPLOSIVES STORAGE AREA VN 2104N 10539E NO COMRX  
IDENTIFICATION ONLY.

[REDACTED]  
NAM DINH COMPLEX VN 2023N 10610E NO COMRX  
IDENTIFICATION ONLY.

[REDACTED]  
NHU Y TRUNG TRANSSHIPMENT POINT SONG DA BAVN 2059N 10643E NO COMRX  
IDENTIFICATION ONLY.

IDENTIFICATION ONLY.

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DO SON PETROLEUM STORAGE VN 2042N 10647E NO COMRX  
IDENTIFICATION ONLY.

DONG HOI CAVE STORAGE MUI TA LUS VN 1916N 10548E NO COMRX  
IDENTIFICATION ONLY.

LONG HUU STORAGE AREA VN 2124N 10533E NO COMRX  
IDENTIFICATION ONLY.

VINH PETROLEUM PRODUCTS STORAGE VN 1847N 10543E NO COMRX  
IDENTIFICATION ONLY.

VINH PROCESSING INDUSTRY VN 1834N 10538E NO COMRX  
IDENTIFICATION ONLY.

TRIENG XEN PROBABLE STORAGE AREA VN 2036N 10516E NO COMRX  
IDENTIFICATION ONLY.

XOM DENH STORAGE AREA VN 2054N 10527E NO COMRX  
IDENTIFICATION ONLY.

NAM DINH PETROLEUM PRODUCTS STORAGE VN 2024N 10618E NO COMRX  
IDENTIFICATION ONLY.

XOM MU HANG STORAGE AREA VN 2058N 10516E NO COMRX  
IDENTIFICATION ONLY.

CHAN HONG STORAGE AREA VN 2132N 10513E NO COMRX  
IDENTIFICATION ONLY.

DONG MU PETROLEUM PRODUCTS STORAGE VN 2106N 10509E NO COMRX  
IDENTIFICATION ONLY.

HOANG MAI PETROLEUM PRODUCTS STORAGE VN 2114N 10606E NO COMRX  
IDENTIFICATION ONLY.

BANG SO PETROLEUM PRODUCTS STORAGE PUG VN 2053N 10553E NO COMRX  
IDENTIFICATION ONLY.

NGAI CAU U/I ACTIVITY VN 2059N 10543E NO COMRX  
IDENTIFICATION ONLY.

SON DONG STORAGE VN 2105N 10538E NO COMRX  
IDENTIFICATION ONLY.

TUNG TU POL PRODUCTS STORAGE UG VN 2129N 10552E NO COMRX  
IDENTIFICATION ONLY.

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DONG PHONG TAIKONG RE - HWY BRIDGE OV LEN R VN 1058N 10558E NO COMRX

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1



0.5 NM SSW OF DONG PHONG THUONG AT UTM WH886898.  
MAIN BRIDGE IS DESTROYED. CONSTRUCTION ON RAIL BY-PASS  
IS COMPLETE. BOTH APPROACHES TO THE BY-PASS BRIDGE ARE  
CRATERED. A SECOND RAIL BY-PASS HAS BEEN BUILT AT UTM  
WH898891. BOTH APPROACHES ARE CRATERED. BRIDGE IS  
UNSERVICEABLE.

LANG CHI HYDROELECTRIC POWERPLANT THAC BA VN 2144N 10581E NO COMRX  
23 NM NNW OF PHU THO AT UTM WK931046.  
POWERPLANT CONSTRUCTION STATUS -- GENERATOR HALL AND  
RACES APPROXIMATELY 30 PERCENT COMPLETE. CONSTRUCTION  
ACTIVITY APPEARS TO BE LIGHT AT PRESENT. LIGHT  
VEHICULAR ACTIVITY OBSERVED. DAM APPROACHES OBSERVED,  
RIVER IS STILL FREE FLOWING. CONSTRUCTION ON THE DAM  
ITSELF IS NOT EVIDENT AT THIS TIME.

HAI PHONG CEMENT PLANT VN 2051N 10640E NO COMRX  
WEST EDGE OF HAI PHONG AT THE CONFLUENCE OF THE SONG  
TRAM BAC AND THE CUA CAM.  
PLANT HAS BEEN SUBJECTED TO AIR STRIKE. THE FOLLOWING  
DAMAGE IS OBSERVED. ONE KILN BUILDING HAS BEEN  
DESTROYED, 1 IS HEAVILY DAMAGED, AND 1 LIGHTLY DAMAGED.  
TWO CLINKER STORAGE BUILDINGS HAVE BEEN HEAVILY  
DAMAGED, 1 SUSTAINED MODERATE DAMAGE, AND THE COAL  
TREATMENT PLANT SUSTAINED SUPERFICIAL DAMAGE. THREE  
WAREHOUSES HAVE BEEN DESTROYED, 1 HEAVILY DAMAGED, AND  
THE LIMESTONE CRUSHING BUILDING DESTROYED. ONE PACKING  
BUILDING IS HEAVILY DAMAGED AND 3 SUPPORT BUILDINGS  
HAVE BEEN DESTROYED. THE REMAINING STRUCTURES  
SUSTAINED SUPERFICIAL DAMAGE. THE PLANT IS  
NON-OPERATIONAL, AND NO ATTEMPT TO RESTORE IT IS  
DISCERNIBLE.

SAVANNAKHET COMPLEX LA 1633N 10445E NO COMRX  
SMALL COMMERCIAL PORT AND MILITARY CENTER ON THE MEKONG  
RIVER.  
ACTIVITY -- APPROXIMATELY 24 SMALL RIVER CRAFT.

HAI PHONG THERMAL POWERPLANT EAST VN 2052N 10642E NO COMRX  
SOUTH BANK OF THE CUA CAM BASTUARY, 1.9 NM NE OF HAI  
PHONG AT UTM XJ782086.  
PLANT CONSISTS OF 1 HEAVILY DAMAGED BOILERHOUSE, 1  
HEAVILY DAMAGED GENERATOR HALL, A SLIGHTLY DAMAGED  
AUXILLARY DIESEL GENERATOR HALL, A DAMAGED  
TRANSFORMER/SWITCHING BUILDING, 3 DESTROYED POL STORAGE  
TANKS, AND NUMEROUS DESTROYED/DAMAGED SUPPORT  
BUILDINGS. ONE FINGER PIER IS UNDAMAGED. THE PLANT IS  
NON-OPERATIONAL.

PHAM XA RR CLASSIFICATION YARD VN 2050N 10627E NO COMRX  
0.2 NM NW OF PHAM XA AT UTM YJ512191.

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CLASSIFICATION YARD, 3 TRACKS WIDE, CONTAINS A PASSENGER TERMINAL AND 2 SUPPORT BUILDINGS. NO ROLLING STOCK OBSERVED.

[REDACTED]  
CHO BO HIGHWAY FERRY OVER BLACK RIVER VN 2045N 10511E NO COMRX  
TWO FERRY BOATS OBSERVED MOORED UNDER TREES ON THE SE BANK OF THE RIVER. NO APPARENT CHANGE IN FACILITIES.

[REDACTED]  
HO HAI PONTOON BRIDGE VN 2046N 10504E NO COMRX  
IMMEDIATELY NE OF SUVUI AND 0.2 NM NE OF HO HAI AT UTM WH085964.

PONTOON BRIDGE OVER THE BLACK RIVER SONG BOH IS USED TO CONNECT ROUTE 6 AT A FORMER FERRY CROSSING. THE PONTOON SECTIONS ARE OBSERVED MOORED ON NW BANK OF THE RIVER.

[REDACTED]  
LANG CHI EXPLOSIVES PLANT VN 2141N 10514E NO COMRX  
THREE AREAS 1.5 NM NE OF HA CU ON THE WEST BANK OF SONG LA RIVER.

AREA A UTM WJ257992 -- AREA HAS BEEN SUBJECTED TO AIR STRIKE AND IS SEVERELY DAMAGED EXCEPT FOR 1 LARGE ADMINISTRATION BUILDING AND 2 SMALL SUPPORT BUILDINGS. THE 8 REVETTED BUILDINGS AND AN UNDERGROUND ENTRANCE ON THE SOUTH SIDE OF AREA A ARE UNDAMAGED.

AREA B UTM WJ241992 -- 1 REVETTED STORAGE BUILDING IS DESTROYED AND 9 REVETTED STORAGE BUILDINGS REMAIN.

AREA C UTM WJ249994 -- 3 BUILDINGS REMAIN.

[REDACTED]  
VAN LA STORAGE DEPOT SOUTH VN 2056N 10545E NO COMRX  
2.1 NM SW OF HA DONG AT UTM WJ789157.

FOUR DOUBLE-GABLED WAREHOUSES ARE ROOFLESS AND 3 SINGLE-GABLED WAREHOUSES SHOW SIGNS OF GENERAL DETERIORATION WITH SECTIONS OF THE ROOFING MISSING. NO ACTIVITY NOTED. SUPPORT BUILDINGS ALSO SHOW GENERAL DETERIORATION. THE AREA APPEARS TO BE INACTIVE.

[REDACTED]  
BAC GIANG PETROLEUM PRODUCTS STORAGE VN 2116N 10611E NO COMRX  
SOUTH EDGE OF BAC GIANG ON EAST BANK OF SONG THUONG RIVER.

POL STORAGE AREA HAS BEEN SUBJECTED TO AIR STRIKE. TWO ABOVEGROUND VERTICAL CYLINDRICAL TANKS, 2 UNDERGROUND CYLINDRICAL TANKS, AND 27 BUNKERED HORIZONTAL TANKS REMAIN IN THE TARGET AREA. FIVE SUPPORT BUILDINGS ARE DISCERNIBLE IN THE AREA. AN OIL OFFLOADING PIER APPEARS TO BE SERVICEABLE. THE RAIL SPUR APPEARS TO BE UNSERVICEABLE.

[REDACTED]  
BAC GIANG CHEMICAL FERTILIZER PLANT VN 2118N 10612E NO COMRX  
2 NM NORTH OF BAC GIANG AT UTM XJ253557.

HEAVY BOMB DAMAGE OBSERVED IN THE WESTERN PART OF THE PLANT. TWO KEY GASOMETERS AND 5 PROCESSING BUILDINGS

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ARE DESTROYED AND MODERATE-TO-HEAVY DAMAGE INFLICTED TO OTHER MAJOR COMPONENTS. THE CONVEYOR SYSTEM APPEARS TO BE DAMAGED. THE MAJOR PIER AND CRANES APPEAR TO BE INTACT WITH DAMAGE TO THE COAL CONVEYOR. THE MAJOR PART OF THE WORKERS BARRACKS AREA HAS BEEN DISMANTLED. THE PLANT APPEARS TO BE NON-OPERATIONAL, AND NO ATTEMPT TO REPAIR THIS FACILITY IS DISCERNIBLE.

[REDACTED]  
DAP CAU PORT FACILITIES EAST SONG CAU VN 2112N 10606E NO COMRX  
18 NM NORTHEAST OF HA NOI ON THE SOUTH BANK OF THE SONG CAU RIVER AT UTM XJ147446.

COAL PORT CONTAINS FACILITIES FOR THE TRANSSHIPMENT FROM RIVER BARGE TO RAIL AND CONSISTS OF 3 OPEN STORAGE AREAS CONTAINING COAL. NUMEROUS PORTABLE CONVEYOR BELTS ARE SCATTERED THROUGHOUT THE AREA. THE AREA IS SERVED BY ROUTE 1A AND A RAIL SPUR CONNECTS THE PORT WITH THE HA NOI/PING-HSIANG RAIL LINE.  
ACTIVITY -- 4 LARGE COAL BARGES AND 3 SMALL CRAFT.

[REDACTED]  
THANH DAM STORAGE SITE VN 1906N 10543E NO COMRX  
NE EDGE OF PHU LONG, 1 NM NE OF THANH DAM.  
WALLED AREA CONTAINS 14 PARTIALLY DISMANTLED BUILDINGS.

[REDACTED]  
PHU LOU STORAGE AREA VN 2038N 10620E NO COMRX  
TWO FENCED AREAS 1.3 NM SSE OF QUYNH NGOC AT UTM XH394831.  
AREA A CONTAINS 15 STORAGE BUILDINGS AND 6 SMALL SUPPORT BUILDINGS.  
AREA B CONTAINS 23 BARRACKS/STORAGE BUILDINGS.

[REDACTED]  
HAI PHONG COMPLEX VN 2051N 10641E NO COMRX  
COMPLEX, APPROXIMATELY 4 SQ MI IN AREA, CONTAINS EXTENSIVE DOCKING FACILITIES, A NAVAL BASE, A CEMENT PLANT, BOAT BUILDING AND REPAIR FACILITIES, 2 POWERPLANTS, POL STORAGE, SEVERAL LIGHT INDUSTRIES, AND RAIL FACILITIES INCLUDING A 2+100 FT RAILYARD 7 TRACKS WIDE, CAR REPAIR FACILITIES, AND A TURNING WYE. THE CEMENT PLANT, THE 2 THERMAL POWERPLANTS, AND THE POL STORAGE FACILITY HAVE BEEN DAMAGED/DESTROYED BY REPEATED AIR STRIKES.

[REDACTED]  
LOI DONG TRANSSHIPMENT POINT CUA CAM VN 2053N 10637E NO COMRX  
8.4 NM NNE OF CONG MY, 4 NM NW OF HAI PHONG, ON THE WEST BANK OF THE CUA CAM RIVER.  
RAIL-SERVED INSTALLATION CONTAINS 6 BREASTING PLATFORMS, A 4-TRACK RAILYARD COME UNDER CONSTRUCTION, AND A CONVEYOR SYSTEM. THE RAILYARD HAS BEEN CRATERED IN AT LEAST 2 PLACES AND 1 SECTION OF THE CONVEYOR IS DESTROYED. A LARGE OPEN STORAGE AREA IS ADJACENT TO THE WHARVES.

LOI DONG WAREHOUSE AREA VN 2053N 10637E NO COMRX  
Two Storage Buildings Destroyed  
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XJ684185.

NORTH SITE -- 21 STORAGE BUILDINGS AND 3 SUPPORT BUILDINGS.

SOUTH SITE -- ONLY 5 SMALL BUILDINGS REMAIN.

HAI PHONG THERMAL POWERPLANT WEST VN 2051N 10648E NO COMRX  
NW EDGE OF HAI PHONG AT UTM XJ738078.

PLANT HAS BEEN SUBJECTED TO REPEATED AIR STRIKES AND HAS SUSTAINED THE FOLLOWING DAMAGE. THE BUILDING HOUSING THE TRANSFORMERS, BOILERS, AND GENERATORS IS HEAVILY DAMAGED; THE 2 COOLING TOWERS ARE MODERATELY DAMAGED; THE WATER TREATMENT BUILDING IS MODERATELY DAMAGED; AND 2 ASSOCIATED BUILDINGS ARE DESTROYED. THE PLANT APPEARS TO BE NON-OPERATIONAL.

HAI PHONG PETROLEUM PRODUCTS STORAGE VN 2053N 10648E NO COMRX  
NW EDGE OF HAI PHONG ON SOUTH BANK OF CUA CAM.

CUMULATIVE DAMAGE ASSESSMENT REVEALS 28 ABOVEGROUND CYLINDRICAL TANKS DESTROYED/DISMANTLED, 2 SEVERELY DAMAGED, 5 HORIZONTAL SERVICE TANKS DESTROYED/DAMAGED, AND 3 FINGER PIERS UNDAMAGED. THE MAJORITY OF BUILDINGS WITHIN THE STORAGE AREA APPEAR TO BE DESTROYED/DAMAGED.

TWELVE RAIL TANK CARS ARE OBSERVED ON RAIL SPURS IMMEDIATELY SOUTH OF THE FACILITY.

YEN BAI NON-FERROUS METALS PLANT GIUA LANG VN 2146N 10451E NO COMRX  
NE EDGE OF GIUA LANG.

COMPLEX IS PRESENTLY NON-OPERATIONAL DUE TO HEAVY BOMB DAMAGE AND IS APPARENTLY ABANDONED. FIVE OF THE ORIGINAL PROCESSING BUILDINGS ARE DESTROYED, 3 PROCESSING BUILDINGS ARE DAMAGED, THE HEAT/STEAM PLANT IS SEVERELY DAMAGED, 3 STORAGE/SUPPORT BUILDINGS ARE DESTROYED, 3 STORAGE/SUPPORT BUILDINGS AND 3 ADMINISTRATION BUILDINGS ARE DAMAGED. THREE STORAGE/SUPPORT BUILDINGS ARE APPARENTLY UNDAMAGED. THE HOUSING/SUPPORT AREA, LOCATED IMMEDIATELY NW OF THE COMPLEX, IS ALSO UNDAMAGED AND CONSISTS OF 3 SEPARATE AREAS WITH 4 MULTISTORY BUILDINGS AND 24 ADDITIONAL BUILDINGS.

PHU THO COMPLEX VN 2123N 10513E NO COMRX  
COMPLEX CONSISTS OF 3 MILITARY AREAS EXTENDING GENERALLY NORTH FROM PHU THO REFERENCED FROM PHU THO. AREA A 02.7 NM NNW AT UTM WJ205695 PHU THO ARMY BARRACKS NW, 25 BARRACKS, 7

ADMINISTRATION BUILDINGS, 13 STORAGE BUILDING, 1 AMMUNITION STORAGE BUILDING, AND APPROXIMATELY 20 OTHER BUILDINGS. TRENCHING AND TRACK ACTIVITY OBSERVED

IMMEDIATELY NORTH AND EAST.

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AREA B 02.1 NM NORTH AT UTM WJ230696H -- BARRACKS AND STORAGE AREA CONTAINS 27 BUILDINGS INCLUDING 13 BARRACKS. NE BE NO 0616-003 -- 12 BARRACKS, 5 ADMINISTRATION BUILDINGS, 4 ADMINISTRATION/SUPPORT BUILDING, 17 STORAGE BUILDINGS, 10 REVETTED STORAGE BUILDINGS, 5 MESSHALLS, AND 24 OTHER BUILDINGS. A TRAINING AREA WITH TRENCHING AND PERSONNEL POSITIONS IS OBSERVED IMMEDIATELY WEST. THREE OCCUPIED 4-GUN AAA SITES OBSERVED.

AREA C 02.1 NM NORTH AT UTM WJ230696H -- BARRACKS AND STORAGE AREA CONTAINS 27 BUILDINGS INCLUDING 13 BARRACKS.

A RAILYARD AT NORTH EDGE OF THE CITY APPEARS TO BE INTERDICTED. ALL LINES ARE PROBABLY CUT AND NO BY-PASS IS DISCERNIBLE.

VIET TRI COMPLEX VN 2117N 10525E NO COMRX  
SMALL INDUSTRIAL COMPLEX ON WEST BANK OF THE RIVIERE CLAIRE IMMEDIATELY NORTH OF CONFLUENCE OF THE RIVIERE CLAIRE AND THE RIVIERE ROUGE.  
COMPLEX, APPROXIMATELY 1 SQ MI IN AREA, CONTAINS A RAILROAD YARD WITH 4 TRACKS, A SECURED POL STORAGE AREA WITH 2 LARGE, 2 MEDIUM, AND 4 SMALL VERTICAL TANKS, A RAIL-SERVED THERMAL POWERPLANT, A PROBABLE WOOD PROCESSING PLANT WITH 1 LARGE PROCESSING BUILDING, 5 LARGE WAREHOUSES, AND APPROXIMATELY 50 ASSOCIATED BUILDINGS, AND AN UNIDENTIFIED INDUSTRY WITH WATER TREATMENT FACILITIES, A CONVEYOR, AND 1 LARGE BUILDING. THE INDUSTRY APPEARS TO BE ACTIVE, INDUSTRIAL WASTE IS BEING DEPOSITED IN RIVIERE CLAIRE.

PHU THO CHEMICAL FERTILIZER PLANT LAM THAO VN 2119N 10517E NO COMRX  
0.5 NM SOUTH OF THACH SON AND 7 NM SE OF PHU THO ON EAST BANK OF YUAN CHIANG GRED RIVER AT UTM WJ305584. SECURED RAIL-SERVED PLANT CONTAINS 1 LARGE BUILDING, 20 SUPPORT BUILDINGS, NUMEROUS SMALLER BUILDINGS, 4 VERTICAL TANKS, 2 BURIED TANKS, A WATER TOWER, AND 3 CONVEYORS. FOUR ADMINISTRATION BUILDINGS AND 1 LARGE STORAGE BUILDING ARE IMMEDIATELY OUTSIDE THE SECURED AREA. NO BOMB DAMAGE DISCERNIBLE.

DIEN YEN DAM UNDER CONSTRUCTION VN 1858N 10532E NO COMRX  
1.5 NM SE OF DIEN YEN AT UTM WF568825.  
DAM CONSTRUCTION APPEARS TO BE COMPLETE, AND THE RESERVOIR IS FULL OF WATER.

TAM DA RR AND HWY BRIDGE OVER SONG CUA LO VN 1858N 10539E NO COMRX  
7 NM NORTH OF VINH AIRFIELD.  
MAIN BRIDGE HAS BEEN DISMANTLED, AND A TEMPORARY BRIDGE APPEARS TO BE UNSERVICEABLE WITH BOTH APPROACHES CRATERED FROM REPEATED AIR STRIKES.

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A RAIL BY-PASS BRIDGE HAS BEEN CONSTRUCTED 8.6 NM SSW  
OF MAIN BRIDGE. SERVICEABILITY OF THE BY-PASS BRIDGE  
IS UNDETERMINED.

THAI NGUYEN PROBABLE STORAGE AREA U/C VN 2148N 10551E NO COMRX  
SMALL STORAGE COMPLEX AT UTM WJ894966.  
AREA CONTAINS 6 STORAGE BUILDINGS.

THANH HOA RR AND HWY BRIDGE OVER SONG MA VN 1958N 10547E NO COMRX  
2.5 NM NE OF THANH HOA AT UTM WG836936.  
BRIDGE HAS BEEN SUBJECTED TO REPEATED AIR STRIKES,  
HOWEVER, IT REMAINS SERVICEABLE TO RAIL AND ROAD  
TRAFFIC.

DIEN CHAU RR BRIDGE OVER SONG CUA DA VN 1858N 10535E NO COMRX  
0.6 NM SSW OF TRANG KHE AT UTM WFG14978.  
MAIN BRIDGE HAS BEEN DESTROYED. THREE BY-PASS BRIDGES  
HAVE BEEN CONSTRUCTED, NONE OF WHICH APPEAR TO BE  
SERVICEABLE.

THANH TRA STORAGE SITE VN 2139N 10546E NO COMRX  
1 NM SW OF THANH TRA AT UTM WJ884936.  
ONE ADMINISTRATION BUILDING AND 2 SUPPORT BUILDINGS  
REMAIN. ALL OTHER BUILDINGS HAVE BEEN DISMANTLED.  
AREA APPEARS TO BE ABANDONED.

LAO CAI RAILROAD CLASSIFICATION YARD VN 2229N 10359E NO COMRX  
0.5 NM SE OF LAO CAI AT UTM UK954873.  
CLASSIFICATION YARD 1,880 FT LONG AND 8 TRACKS WIDE AT  
UTM UK954872. A LOCOMOTIVE REPAIR SHOP WITH 3 TRACKS  
IS IMMEDIATELY SW.  
ACTIVITY -- AT LEAST 14 PIECES OF ROLLING STOCK.

KINH NO MV REPAIR PLANT CUONG NO VN 2109N 10551E NO COMRX  
TWO AREAS 1 NM SE OF NGUYEN KHE.  
AREA A (UTM WJ893393) -- WALL AND FENCE SECURED AREA  
WITH GUARD TOWERS CONSISTS OF 1 MULTISTORY  
ADMINISTRATION BUILDING, 5 MONITOR-ROOFED BUILDINGS AND  
1 LARGE SAWTOOTH-ROOFED BUILDING. FIVE PEAK-ROOFED  
MAINTENANCE/REPAIR BUILDINGS, AND 1 SMALL GARAGE-TYPE  
BUILDING HAVE BEEN DESTROYED.  
AREA B (SOUTH OF AREA A AT UTM WJ898390) -- 19  
BARRACKS, 4 MULTISTORY ADMINISTRATION/BARRACKS, 13  
SMALL SUPPORT BUILDINGS, 2 SMALL REVETTED BUILDINGS,  
AND A WATER TOWER. TRENCHES OBSERVED THROUGHOUT THE  
AREA.

HA NOI RR CAR REPAIR SHOPS GIA LAM VN 2103N 10553E NO COMRX  
2.8 NM NE OF HA NOI ON THE HA NOI/LANG SON RAIL LINE.  
AREA HAS BEEN SUBJECTED TO AIR STRIKE RESULTING IN  
DAMAGE TO 90 PERCENT OF THE INSTALLATION. THREE LARGE



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MULTISECTION MONITOR-ROOFED BUILDINGS, 9 WAREHOUSES,  
AND NUMEROUS SMALLER BUILDINGS ARE DESTROYED. THE  
ADJACENT RAILYARD IS ALSO HEAVILY DAMAGED. THE  
RAILCARS OBSERVED, HEAVILY DAMAGED. NO REPAIR ACTIVITY  
IS IN EVIDENCE. AREA APPEARS TO BE ABANDONED.

[REDACTED]  
YEN THUONG RAIL YARD VN 2106N 10555E NO COMRX  
1.2 NM NE OF YEN VIEN.

A NEW 7-TRACK RAILYARD PROBABLY DUAL GAUGE IS LOCATED  
ON THE HA NOI/PING-HSIANG RAIL LINE AT UTM WJ961325.  
EIGHTEEN PIECES OF ROLLING STOCK ARE OBSERVED IN THE  
YARD. A NEW TURNING WYE AND A SMALL 4-TRACK YARD ARE  
ADJACENT TO A NEW RAIL BY-PASS AT 210534N 1055532E, 9.7  
NM SW OF THE YARD. A TRAIN WITH 1 LOCOMOTIVE AND 33  
PIECES OF ROLLING STOCK IS OBSERVED ON THE MAIN TRACK  
SOUTH OF THE YARD.

[REDACTED]  
DAI DONG POSSIBLE STORAGE AREA VN 2130N 10507E NO COMRX  
IDENTIFICATION ONLY.

[REDACTED]  
YU-LIN COMPLEX CH 1814N 10930E NO COMRX  
PORT CITY ON THE SOUTH COAST OF HAI-NAN TAO ISLAND.  
COMPLEX CONTAINS A NAVAL BASE AND 2 COMMERCIAL HARBORS,  
BUT NO MAJOR INDUSTRY.

[REDACTED]  
CAM DAI POSSIBLE PRISON VN 2109N 10520E NO COMRX  
IDENTIFICATION ONLY.

25X1

25X1

25X1

25X1

25X1